

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

BUREAU OF LAND / FIELD OPERATIONS SECTION

RCRA INSPECTION REPORT

US EPA RECORDS CENTER REGION 5



1000866

GENERAL FACILITY INFORMATION

USEPA ID #:	ILD000608471	IEPA ID #:	0316000051
Facility Name:	Clean Harbors Services, Inc.	Phone #:	(773) 646-6202
Location	11800 S. Stony Island Ave.	County:	Cook
City:	Chicago	State:	Illinois
		Zip Code:	60617
Region:	Des Plaines	Inspection Date:	05/13/05
		Time:	8:17 AM-11:52 AM
Weather:	Pt. Sunny, mid-60's		

RECEIVED

MAY 26 2005

IEPA/BOL

TYPE OF FACILITY

Notified As:	G1, T, S	Regulated As:	G1, T, S
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TYPE OF INSPECTION

CEI:	<input checked="" type="checkbox"/> CME/O&M:	<input type="checkbox"/> CSI:	<input type="checkbox"/> NRR:	<input type="checkbox"/> CCI:	<input type="checkbox"/> PIF:	<input type="checkbox"/> CVI:	<input type="checkbox"/> CSE:	<input type="checkbox"/> CAO:	<input type="checkbox"/>
FUI to:	Other:								

NOTIFICATION INFORMATION (EPA 8700-12)

Notification Date:	7/29/80 (initial)	11/17/80 (subsequent)
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PART A PERMIT INFORMATION (EPA 3510-3 OR EPA 8700-23)

Part A Date:	Amended:	Withdrawn:
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PART B PERMIT INFORMATION

(Check one if applicable) Application Submitted?	<input type="checkbox"/> Permit Issued?	<input type="checkbox"/> Date:
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ACTIVE ENFORCEMENT

Date facility referred to:	USEPA:	IAGO:	County State's Attorney:
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ACTIVE ENFORCEMENT ORDERS

CACO:	CAFO:	Federal Court Order:
Consent Decree:	IPCB Order:	State Court Order:

RELEASABLE

JUN 01 2005

REVIEWER MD

TSD FACILITY ACTIVITY SUMMARY

Activity by Process Code	On Part A?	On Part B?	Activity ever done?	Closed?	Being done during inspection?	Exempt per 35 IAC Sec:	On Annual Report:		
							2004	2003	2002
S01	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
S02	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
T01	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
T04	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D80	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OWNER

OPERATOR

Name: Illinois International Port District	Name: Clean Harbors Services, Inc.
Address: 3600 E. 95th Street	Address: 11800 S. Stony Island Ave.
City: Chicago	City: Chicago
State: Illinois Zip Code: 60617	State: Illinois Zip Code: 60617
Phone #: (773) 646-4400	Phone #: (773) 646-6202

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PERSON(S) INTERVIEWED

TITLE

PHONE

James Laubsted	Facility Compliance Manager	MAY 26 2005	(773) 646-6202
		IEPA/BOL	

INSPECTION PARTICIPANTS

AGENCY/BUREAU

PHONE

Calvin Harris *	IEPA/BOL	(847) 294-4080
Charlene Thigpen	IEPA/BOL	(847) 294-4122

*Report prepared by this person.

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Chicago/Clean Harbors Services, Inc.
ILD000608471
FOS
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NARRATIVE
Prepared by Calvin Harris

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On May 13, 2005, I conducted a Compliance Evaluation Inspection at Clean Harbors Services, Inc. The purpose of this inspection was to assess this site's compliance status regarding their Permit, Regulations and provisions of the Environmental Protection Act. This site is permitted to store, fuel blend, consolidate and transfer containcrized hazardous and non-hazardous waste. In addition, they are permitted to treat aqueous based wastes. They are also regulated as a large quantity generator of hazardous waste.

Clean Harbors Services, Inc., has operated, as a permitted waste management facility since the 1990's. Former operators of this site include Chemical Waste Management, SCA, ChemClear and Hyon.

I interviewed James Laubsted, Facility Compliance Manager for the site. IEPA inspector Charlene Thigpen was also present.

HAZARDOUS WASTE:

Hazardous Waste Fuel is generated from off-site customers and is sent to Essroc Materials, Inc., located in Logansport, Indiana for treatment. Approximately 60,000 gallons are generated per month and some 30,000 gallons were on site during the inspection. The waste is maintained in tanks. Hazardous waste codes associated with this waste include D001, D002 and various other codes. This waste was last analyzed on May 12, 2005 and last shipped on May 12, 2005. 5200 gallons were shipped on this date.

Environmentally Hazardous Substance, Solid is generated from off-site customers and is sent to Clean Harbors Canada, Inc., Corunna, Ontario for treatment. Quantities of this waste vary per month; none was on site during the inspection in drums. Hazardous waste codes associated with this waste include F037 and others. This waste was last analyzed on May 11, 2005 and last shipped May 11, 2005. 26,900 pounds of this waste were shipped on this date.

Lean Water, 10% Organic is generated from on-site line washings and off-site clients. Some 40,000 gallons are generated per month; approximately 15,000 gallons were on site during the inspection in tanks. This waste is sent to Clean Harbors of Baltimore, Inc., in Baltimore, Maryland. The last shipment to this facility was April 18, 2005; it was

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last analyzed on April 18, 2005. 25,035 gallons were shipped by rail on this date.

Spent Carbon is generated from air pollution control devices associated with flammable storage tanks. The rate of generation varies based on the particular chemicals filtered, as well as, general prevalent environmental conditions. The devices are continuously monitored on site; when deemed unusable, they are sent to Envirotrol, Inc., in Darlington, Pennsylvania for reactivation. 10,000 pounds were on site during the inspection. The last shipping date was November 17, 2004. Some 5,000 pounds of this waste were shipped. Waste codes associated with this waste include D001, D018, and others.

Waste Batteries are generated from labpack/depack operations. Less than 50 gallons of batteries are generated per month; less than (1) 55-gallon drum of batteries was on site during the inspection. Waste batteries are sent to Nova Lead, Inc., in Quebec, Canada. Waste code includes D011; waste batteries were last shipped on May 3, 2005. (20) 55-gallon containers were shipped on this date.

Waste Batteries, as universal waste are generated from labpack/depack operations at of about 100 gallons per month. Less than (1) 55-gallon drum of batteries were on site during the inspection. These batteries are shipped to Nova Lead, Inc., in Quebec, Canada. Last shipment took place on May 3, 2005. (18) 55-gallon drums were shipped on this date.

Waste Phosphorous Powder containing elemental mercury is generated from a fluorescent bulb crushing system. Approximately (2) 55-gallon drums of this waste is generated per month. There were (4) 55-gallons drums of this waste on site during the inspection. The last shipment took place on April 6, 2005 to Mercury Waste Solutions in Union Grove, Wisconsin.

NON-HAZARDOUS WASTE:

Wastewater Filter Press Sludge is generated from wastewater treatment process involving metal sulfides and metal hydroxides. Approximately 20 cubic yards are generated per day. Some 44 cubic yards were on site during the inspection. This waste is sent to Liberty Landfill in Monticello, Indiana for disposal. This waste is analyzed prior to shipment; last shipment was May 10, 2005. 19 cubic yards of waste sludge was shipped on this date.

Used Oil is generated from wastewater treatment process. Some 5000 gallons are generated per week; about 10,000 gallons were on site during the inspection. This waste is sent to Jacobus Environmental Services in Madison, Wisconsin for disposal. Analysis

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of this waste is conducted per load prior to shipment. The last shipment took place on March 17, 2005. 7,000 gallons of waste oil were shipped on this date.

Empty Drums are generated from waste removal of drums. These drums are sent to Liberty Landfill in Monticello, Indiana for disposal. Approximately 40 drums are generated per month; some 25 cubic yards of drums were on site during the inspection. The last shipment took place on March 31, 2005. Approximately 12 tons of empty drums were shipped on this date.

The following were among the units observed during the inspection:

Waste Storage Areas, Drums

Outside Storage Area (Unit R1) contains 3, 5.1, 6.1 Reactives

Labpack Pour-off Area (Unit F1)

Drum Storage Area Expansion (Unit R2) contains 5.1, 6.1, Reactives

Drum Storage Area (Unit G1) contains acid, alkaline

Container Storage Area Building (Unit 25) contains acid, alkaline PCB, 6.1

Ignitable Container Management Building (Unit 26)

Container Handling Dock (Unit 61)

Solids

Bulk Container Storage Area with roll-off boxes (Unit Q1)

Bulk Solids Storage Pad (Unit B)

Transporter Storage/Staging

Unit Q, Unit V, Unit C, Unit 59, Unit 15, Unit 62, Unit 13

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Flammable Storage Tank Farm

Unit 16

Hazardous waste fuel tanks: TK-103, 104, 105, 106, 109

pH waters, lean waters, hazardous fuel storage tank: TK-112

Mild acidic waters, lean waters, hazardous waste fuel tank: TK-101

Hazardous waste fuel & PCB storage tanks: TK-102, TK-110

Wastewater treatment unit

Notes and Observations:

Tank 109 has been taken out of service because its service life threshold had been reached.

Fluorescent bulb system appeared to operate in accordance with Temporary Authorization Log No. #16-TA-6, dated December 16, 2004. This authorization terminates 180 days from this date.

No apparent violations were observed or cited.

cc: Region File

HAZARDOUS WASTE DISPOSITION FORM

Facility Name: Clean Harbors Services, Inc.						USEPA ID #: ILD000608471	
Inspection Date: 5/13/05						IEPA ID #: 0316000051	

Waste Name	Generating Process	Last Analysis Date	USEPA HW #	On Notif.? (8700-12)	On Part A? (3510-3 or 8700-23)	On Annual Report for Years:			Amount On-Site	Generation Rate	Last Manifest Date	Disposition
						2004	2003	2002				
Hazardous Waste Fuel	Off-site customers	5/12/05	D001, D002, various others	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	30,000 gal.	60,000 gal/mo.	5/12/05	Essroc Materials, Inc., Logansport, In.
Env. Hazardous Substances, Solid	Off-site customers	5/11/05	F037, various others	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	None	Varies	5/11/05	Clean Harbors Canada, Inc., Corunna, Ontario
Lean Water, 10% Organic	Off-site customers, on-site line washings	4/18/05	F003, various others	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15,000 gal.	40,000 gal/mo.	4/18/05	Clean Harbors of Baltimore, Baltimore, Md.
Spent Carbon	Air pollution devices associated with flammable liquid tank system emissions	Gen. Knowledge	D001, D018, various others	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10,000 lbs	Varies	5/17/05	Envirotrol, Inc., Darlington, Pa.
Waste Phosphorous	Fluorescent bulb crushing operation	3/05	D009	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	220 gal.	110 gal/mo.	4/6/05	Mercury Waste Solution, Union Grove, Wi.
Waste Batteries	labpack/depac k operations	Gen. knowledge	D006, D011, others	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<55 gal.	<55 gal/mo.	5/5/05	Nova Lead, Inc, Quebec, Canada
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

SPECIAL WASTE DISPOSITION FORM

[illegible]

**The appearance of some of the images
following this page is due to**

Poor Quality Original Documents

and not the scanning or filming processes.

**Com Microfilm Company
(217) 525-5860**

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Chicago / Clean Harbors Services, Inc.
FOS
5/13/05 Not to Scale

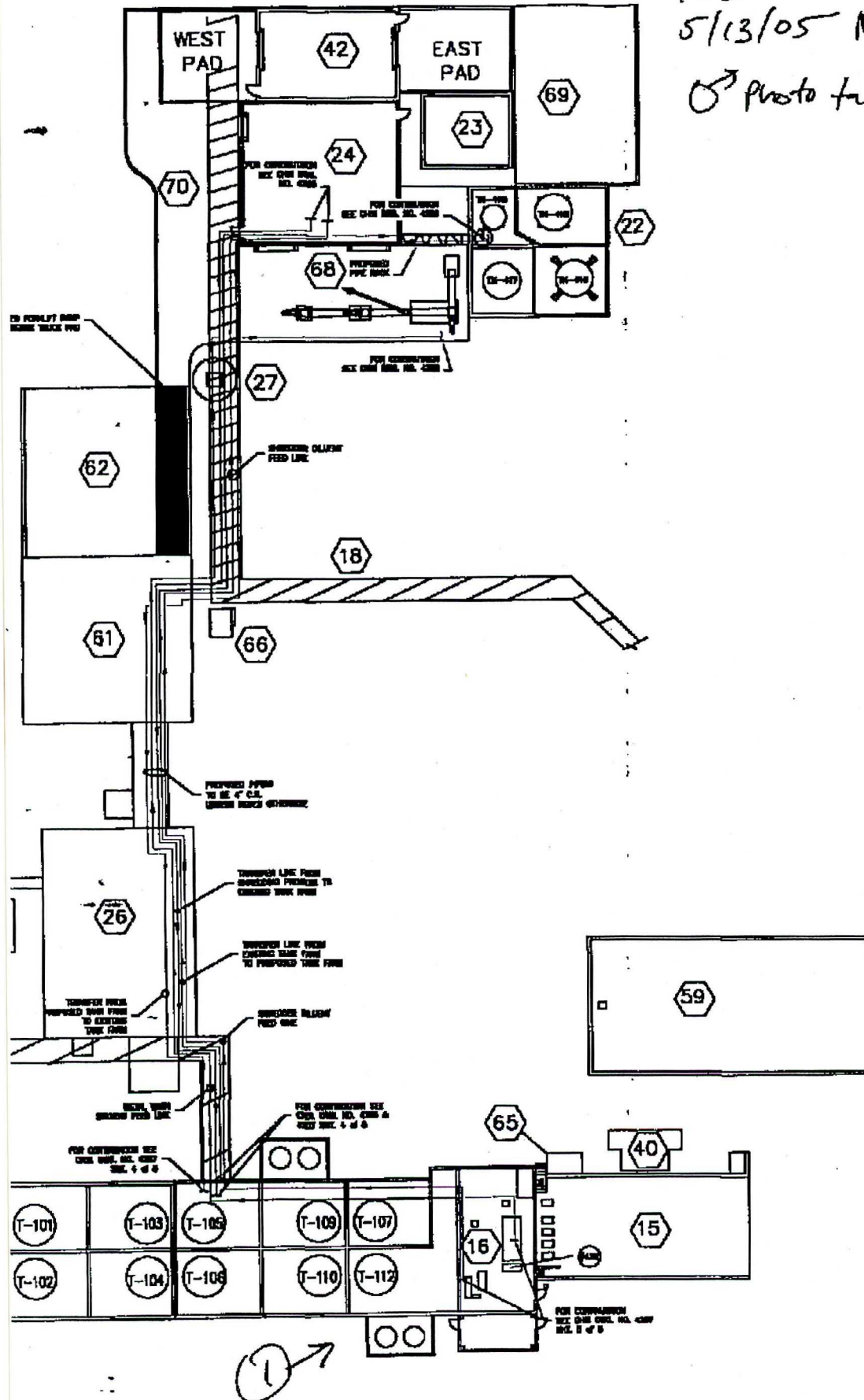
Photo taken + Direction

LEGEND

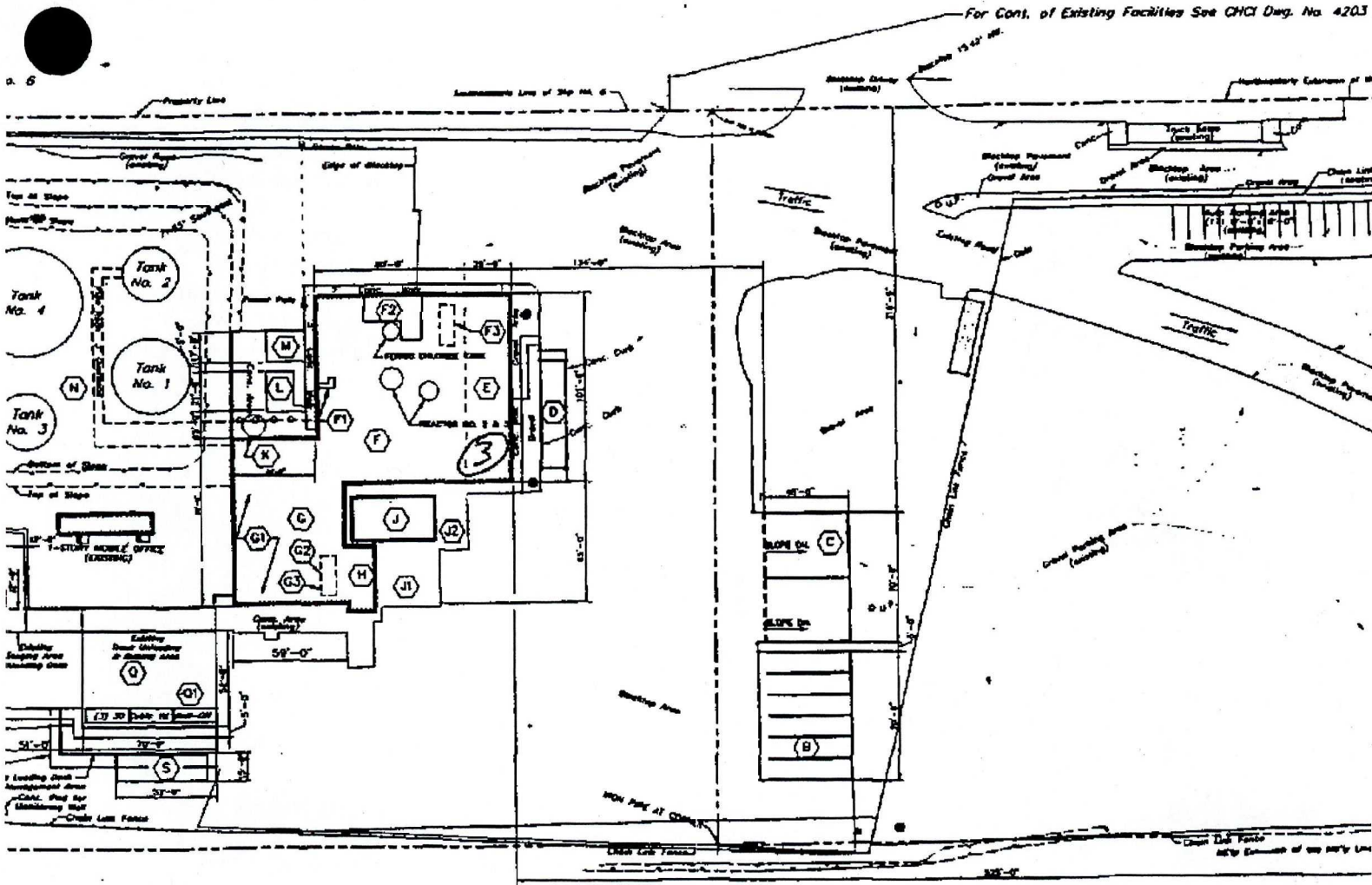
13. RAIL CAR UNLOADING AREA
15. TRUCK UNLOADING PLATFORM
16. FLAMMABLE STORAGE TANKS (438, 150 GPM DILUENT)
18. PIPE RACKS
22. FLAMMABLE TANK FARM
23. SHREDDING PROCESS CELL
24. SHREDDING PROCESS BUILDING
25. CONTAINER MANAGEMENT
26. IGNITABLE CONTAINER MANAGEMENT
27. STORM WATER LIFT STATION
28. NITROGEN STORAGE AREA
29. UTILITY BUILDING
30. FUEL OIL STORAGE
40. DECONTAMINATION BUILDING
42. SHREDDING PROCESS BUILDING
43. FUELS BLENDING OPERATIONS
59. TRUCK STAGING AREA (ROLL-OFF PAD FOR FUEL)
60. ROLL-OFF PAD FOR FUEL
61. CONTAINER HANDLING DRAINAGE
62. TRUCK PAD (SEE CHS)
64. FOAM WATER VALVE HEAD
65. FOAM WATER VALVE HEAD
66. FOAM WATER VALVE HEAD
67. PROPOSED TRACK LOAD
68. METAL WASH PROCESS
69. TRUCK/ROLL-OFF PAD
70. FORKLIIFT ACCESS AREA

NOTES:

1. ALL PIPING IS 6"
2. THE CLAMPING AND FLANGES ARE SUBJECT TO BE 3"
3. ALL TYPING AND PIPING SHALL BE USED AND WITH REQUIREMENTS FOR AIR/PAID
4. PIPING SHALL BE USED TYPING



HOYER-SCHLESINGER-TURNER
CONSULTING-ENGINEERS
300 WEST ADAMS STREET CHICAGO, ILLINOIS
PROJECT 1785-B



LEGEND

- N. Existing Tank Form (See CHCI Dwg. No. 4214)
- Q. Existing Truck Unloading Area & Bulking Area (See CHCI Dwg. No. 4210 Sheet 1 of 3)
- Q1. Existing Bulk Container Storage Area (See CHCI Dwg. No. 4210 Sheet 1 of 3)
- R1. Existing Drum Storage Area (See CHCI Dwg. No. 4210 Sheet 1 of 3)
- R2. Existing Drum Storage Area (See CHCI Dwg. No. 4210 Sheet 1 of 3)
- S. Existing Non-Hazardous Bulking Area (See CHCI Dwg. No. 4274)
- V. Existing Truck Loading Dock (See CHCI Dwg. No. 4234)

Sheet 2 of 2)
 set 2 of 2)
 109 Sheet 3 of 2)

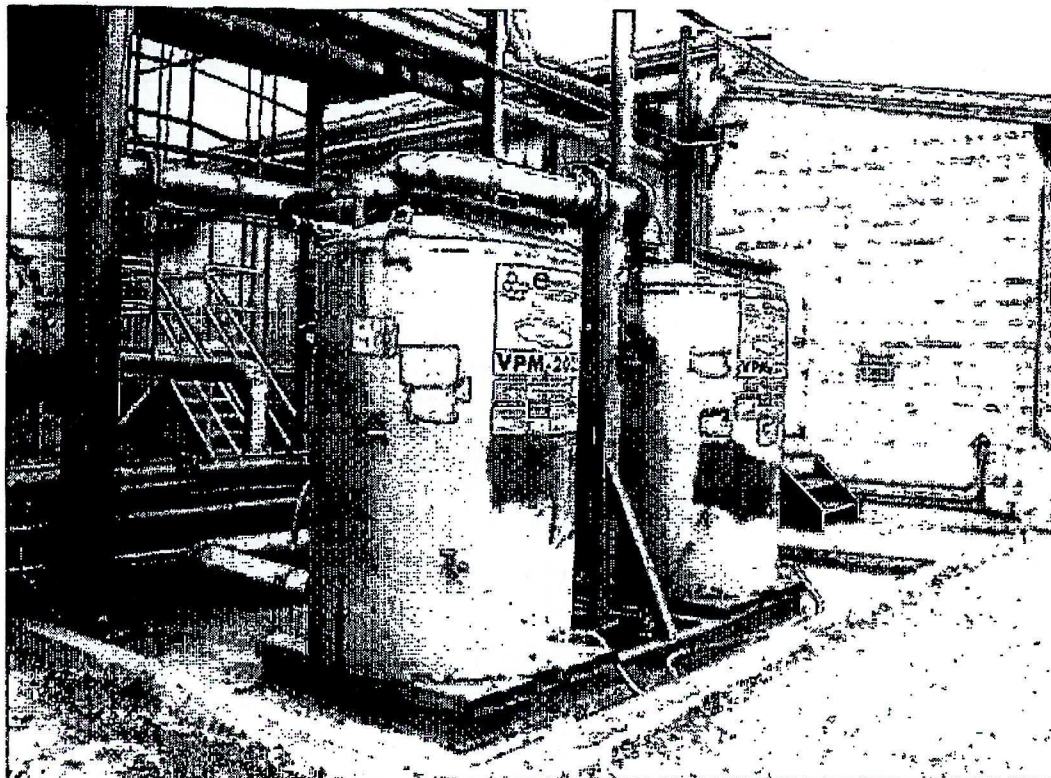
Page 2 of 2

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 fos
 5/13/05 Not to scale
 D7 Photo taken + direction

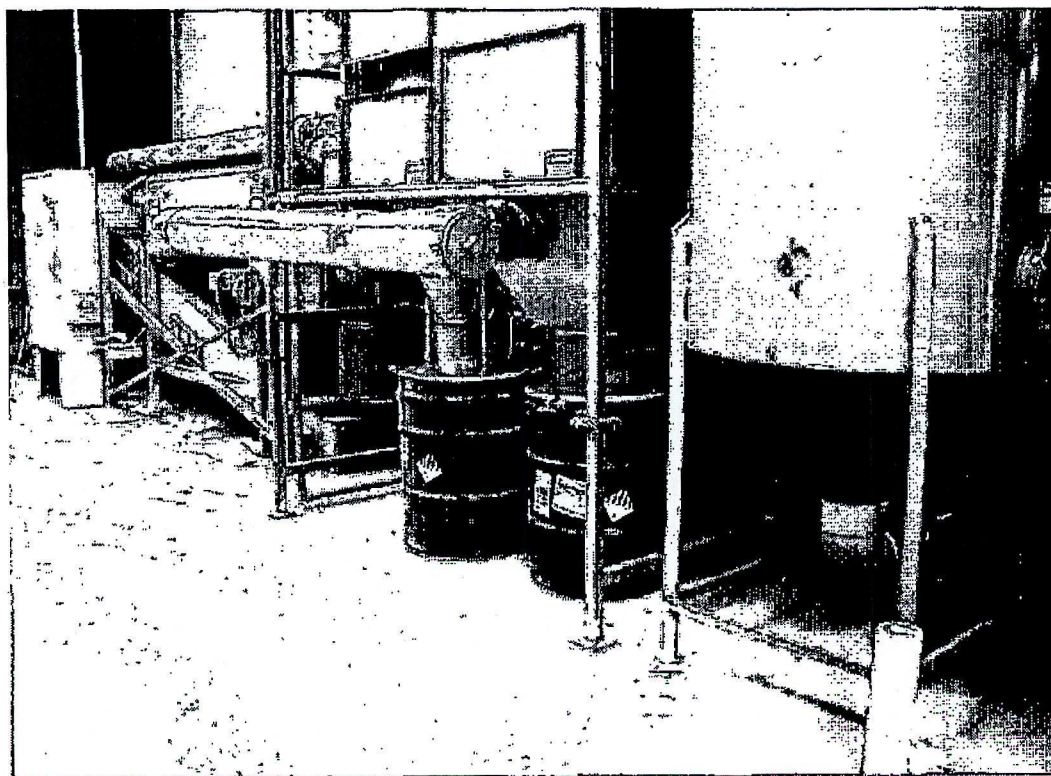
REDUCED
 DO NOT SCALE



DIGITAL PHOTOGRAPHS



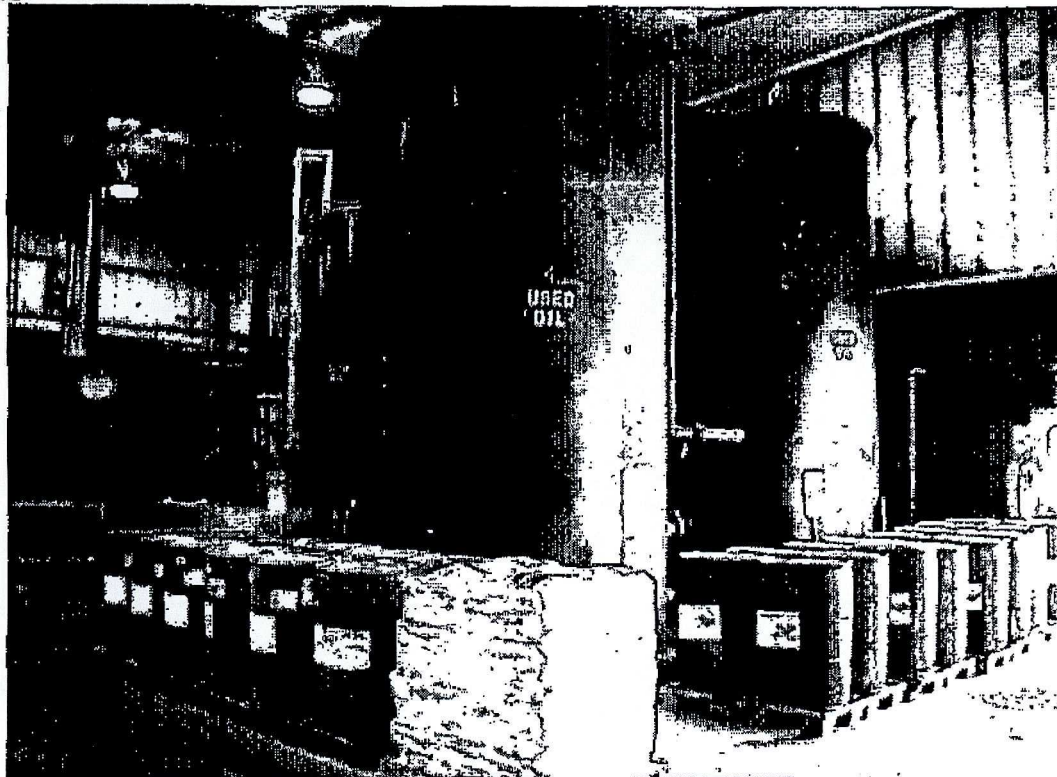
Date: 5/13/05
Time: 8:17 AM-11:52 AM
Direction: Northeast
Photo by: C. Harris
Exposure #: 001
Comments: View of
carbon based pollution
control devices near
flammable storage tanks.



Date: 5/13/05
Time: 8:17 AM-11:52 AM
Direction: N/A
Photo by: C. Harris
Exposure #: 002
Comments: Fluorescent
bulb crushing system.



DIGITAL PHOTOGRAPHS



Date: 5/13/05
Time: 8:17 AM-11:52 AM
Direction: N/A
Photo by: C. Harris
Exposure #: 003
Comments: View of Used
oil tanks near wastewater
treatment operation.

NO PHOTOGRAPH

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

BUREAU OF LAND / FIELD OPERATIONS SECTION

RCRA INSPECTION REPORT

GENERAL FACILITY INFORMATION

USEPA ID #: <u>ILD00608471</u>	IEPA ID #: <u>03/6000051</u>
Facility Name: <u>CLEAN HARBORS</u>	Phone #: <u>723/646-6202</u>
Location: <u>11800 S. STONY ISLAND</u>	County: <u>COOK</u>
City: <u>CHICAGO</u>	State: <u>IL</u> Zip Code: <u>60617</u>
Region: <u>DES PLAINES</u>	Inspection Date: <u>11/30/00</u> Time: <u>9:00 AM - 12:00 PM</u>
Weather: <u>CLEAR APPROX. 15°F</u>	

TYPE OF FACILITY

Notified As: <u>G, T, S</u>	Regulated As: <u>G, T, S</u>
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TYPE OF INSPECTION

<input checked="" type="checkbox"/> CEI:	CME/O&M:	CSI:	NRR:	CCI:	PIF:	CVI:	CSE:	CAO:
FUI to:		Other:						

NOTIFICATION INFORMATION (EPA 8700-12)

Notification Date: <u>1/29/89</u> (initial)	(subsequent)
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PART A PERMIT INFORMATION (EPA 3510-3 OR EPA 8700-23)

Part A Date: <u>4/3/82</u>	Amended:	Withdrawn:
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PART B PERMIT INFORMATION

(check one if applicable) Application Submitted?	Permit Issued? <u>YES</u>	Date: <u>10/24/94</u>
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ACTIVE ENFORCEMENT NA

Date facility was referred to:	USEPA:	IAGO:	County State's Attorney:
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ACTIVE ENFORCEMENT ORDERS NA

CACO:	CAFO:	Federal Court Order:
Consent Decree:	IPCB Order:	State Court Order:

RECEIVED

MAR 14 2001

IEPA-DLPC

TSD FACILITY ACTIVITY SUMMARY

Activity by Process Code	On Part A?	On Part B?	Activity ever done?	Closed?	Being done during insp?	Exempt per 35 IAC Sec:	On Annual Report:		
							99	98	97
SD1	YES	YES	YES	NO	YES	NA	YES	YES	YES
SD2	↓	↓	↓	↓	↓	↓	↓	↓	↓
TD1	↓	↓	↓	↓	↓	↓	↓	↓	↓
TD4	↓	↓	↓	↓	↓	↓	↓	↓	↓

OWNER

OPERATOR

Name: CLEAN HARBORS	Name: CLEAN HARBORS
Address: 1200 CROWN COLONY	Address: 11800 S. STONY ISLAND
City: QUINCY	City: CHICAGO
State: ILL. Zip Code: 60269	State: IL. Zip Code: 60617
Phone #: 617/849-1800	Phone #: 773/646-6202

PERSON(S) INTERVIEWED

TITLE

PHONE

JAMES LAUBSTEAD	Compliance Manager	773/646-6202

INSPECTION PARTICIPANTS

AGENCY/BUREAU

PHONE

* AARON TAYLOR	IEPA / LAND	847/294-4069

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* Report prepared by this person.

0316000051 / Cook County
Chicago / Clean Harbors Environmental Services
ILD000608471
November 30, 2000

Narrative Prepared
By
Aaron Taylor

Clean Harbors of Chicago (CHCI) current activities include the storage and treatment of aqueous based waste streams, fuel blending and the storage, consolidation, and transfer of containerized hazardous and nonhazardous wastes, including lab packs.

CHCI treats aqueous based hazardous and nonhazardous waste streams in a RCRA exempt wastewater treatment system. Primary treatment consists of chemical precipitation, coagulation, and filtration of inorganic wastestreams. Treatment residuals (sludges) generated from this process are stabilized and shipped off site for disposal. Treated effluent is discharged under permit to the MWRD POTW system. Some waste streams require pretreatment prior to primary treatment. Pretreatment methods include neutralization, oil separation, chemical oxidation and reduction, ammonia stripping, chelation breaking, and organic removal techniques such as air stripping and carbon adsorption.

CHCI receives and processes hazardous waste which maybe burned for energy recovery as hazardous waste fuel. The types of waste processed by the facility in this process are non-halogenated organics; high BTU lean waters; non-halogenated oils; organic liquids with halogens; and halogenated multiplayer organics. These materials are received on site in solid, semi-solid, and liquid form. The materials are mixed and blended into hazardous waste fuel which is shipped off site in containers or pumped directly into bulk transport vehicles.

CHCI receives and processes hazardous wastes which are not amenable to treatment on site. These wastes are accepted for storage and subsequent transfer to an offsite treatment and/or disposal facility. The wastes are received in bulk tankers; roll off boxes, 55-gallon drums, and lab packs. They are reshipped in their original container or consolidated, bulked, and repackaged and shipped off site for treatment or disposal.

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Clean Harbors
ILD000608471
November 30, 2000

The Hazardous Wastes generated by Clean Harbors are as follows:

Waste Flammable Liquid EPA HW Codes F001, F002, F003, numerous waste codes generated as lean water from off site customers for consolidation of drums and bulk loads, which are shipped off site for treatment at the Clean Harbors, Baltimore MD facility for treatment and discharge to the local POTW. This waste is generated at the rate of approximately 25,000 gallons per month and is stored in tanks. The last manifested shipment was November 29, 2000. At the time of inspection there was none of this waste on site. The waste is analyzed prior to shipment off site.

Waste flammable liquid EPA HW codes D001, D035, U359, numerous waste codes generated from off site customers at the rate of 10, 000 gallons / day. The waste is fuel blended and shipped to Essroc Materials of Logansport, Ind for use as cement kiln fuel. The last date of analysis and off site shipment was November 29, 2000. The waste is accumulated and stored in tanks. At the time of inspection there were approximately 1,000 gallons of this waste on site.

Waste flammable solids EPA HW codes F001, F002, F003, F004, F005, D001, numerous waste codes generated from off site customers at the rate of 20 cubic yards bimonthly. The waste is shipped to clean Harbors of Kimball, Nebraska for incineration. The last of analysis and off site shipment was November 20, 2000. At the time of inspection, there were 20 cubic yards of this waste on site. The waste is stored in containers.

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Clean Harbors
ILD000608471
November 30, 2000

Hazardous waste solids EPA HW codes D003, D004, D005, and D006, numerous waste codes generated from off site customers at the rate of 25yds³ per month. The waste is shipped to Michigan Disposal of Bellville, Michigan for stabilization and landfilling.

Waste flammable solids EPA HW codes F002, F003, F004, numerous waste codes generated as filters from the on site carbons adsorption unit the rate of generation varies with usage. The waste is in process unit the filters are removed and shipped to the Envirotrol for regeneration.

Nonhazardous Wastes generated by Clean Harbors are as follows:

Metal hydroxide sludge generated from the wastewater treatment plant at the rate of 25 cubic yards per day. The last date of analysis and off site shipment was November 29, 2000. The waste is accumulated in containers. The waste is shipped to Laraway Landfill in Elwood, IL. for disposal. At the time of inspection, there was none of this waste on site.

Oil generated from oily wastewater separation at the rate of 5,000 gallons / biweekly. The waste is shipped to Safety Kleen, East Chicago Indiana for recycling. The last date of analysis and off site shipment was November 28, 2000. The waste is accumulated in containers. At the time of inspection, there were 5,000 gallons of this waste on site.

RCRA empty crushed drums generated from the fuel blending process at the rate of 30 cubic yards per day. The waste is shipped to CWM/CID for disposal. The last manifested off site shipment was November 30, 2000. There was none of this waste on site, at the time of inspection.

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Chicago/ Clean Harbors
ILD000608471
November 30, 2000

Hazardous Waste Storage Units are described below:

The S01 units are permitted to receive all of the waste codes listed in attachment A of the Part B permit. The S01 units all have diked, coated concrete for secondary containment and the following storage capacities:

Outside Container Storage Area (Unit R1)

Is divided into the following Bays:

Staging Area	80 drums
Flammable Storage Area #1	160 drums
Flammable Storage Area #2	160 drums
Oxidizers Storage #1	96 drums
Reactive Storage #1	96 drums
Poisons Storage #1	96 drums
Lab Pack Pour Off Area (Unit F1)	8 drums
Bulk Container Storage Area (Unit Q1)	90 cubic yards
Truck Unloading Area and Bulking Area (Unit Q)	21, 600 gallons

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Chicago/ Clean Harbors
ILD000608471
November 30, 2000

Container Storage Building (Unit 25)
is divided into the following bays:

Alkaline / Poisons	336 drums
Acids	288 drums
PCBs / Poisons	128 drums

Ignitable Container Management Building (Unit 26)	192 drums
Container Handling Dock (Unit 61)	160 drums
Bulk Solids Storage (Unit B) boxes	6 roll offs
Truck Staging Area (Unit C)	6 trucks
Truck Staging Area (Unit 59)	3 trucks
Truck Unloading Platform (Unit 15)	2 trucks
Rail Car Unloading Area (Unit 14)	60, 000 gallons

RECEIVED
MAR 14 2001
EPA-DLPC

0316000051 / Cook County
Chicago/ Clean Harbors
ILD000608471
November 30, 2000

The following S02 units are permitted to accept all of the Hazardous Waste Codes listed in attachment A of the Part B permit. The S02 units have coated concrete vaults for secondary containment and have the following capacities:

Hazardous Waste Fuel Blending Operation (Unit 43)

Tank Number 161-21	1,225 gallons
--------------------	---------------

Tank Number 161-22	275 gallons
--------------------	-------------

Flammable Storage Tank Farm (Unit 16)

Tank Number 158 is comprised of the following five units:

TK-103, TK-104, TK -105, TK-106 and TK-109	12, 800 gallons
--	-----------------

Tank 159 is comprised of the following unit:

TK-112	19, 600 gallons
--------	-----------------

Tank 177 is comprised of the following units:

TK-101 and TK-107	12, 800 gallons
-------------------	-----------------

Tank 180 is comprised of the following units:

TK-102	12, 800 gallons
--------	-----------------

Tank 183 is comprised of the following unit:

	12, 800 gallons
--	-----------------

0316000051 / Cook County
Chicago/ Clean Harbors
ILD000608471
November 30, 2000

Notes and Observations:

Clean Harbors has obtained permission from the USEPA to dismantle the old CWM incinerator. Clean Harbors Part B permit has been modified to allow for the construction of a drum shredder for the fuel blending operation and to install units for processing waste paint and waste paint related products in Building 42. Clean Harbors permit allowed for the use of a portable shredder at the site, however this equipment was not used frequently, so it was shipped to the Clean Harbors facility in Kimball, Neb.

Clean Harbors current waste reduction strategy is to bulk similar solid and liquid waste, segregate hazardous and nonhazardous wastes, and more efficient packaging of smaller containers.

List of Violations:

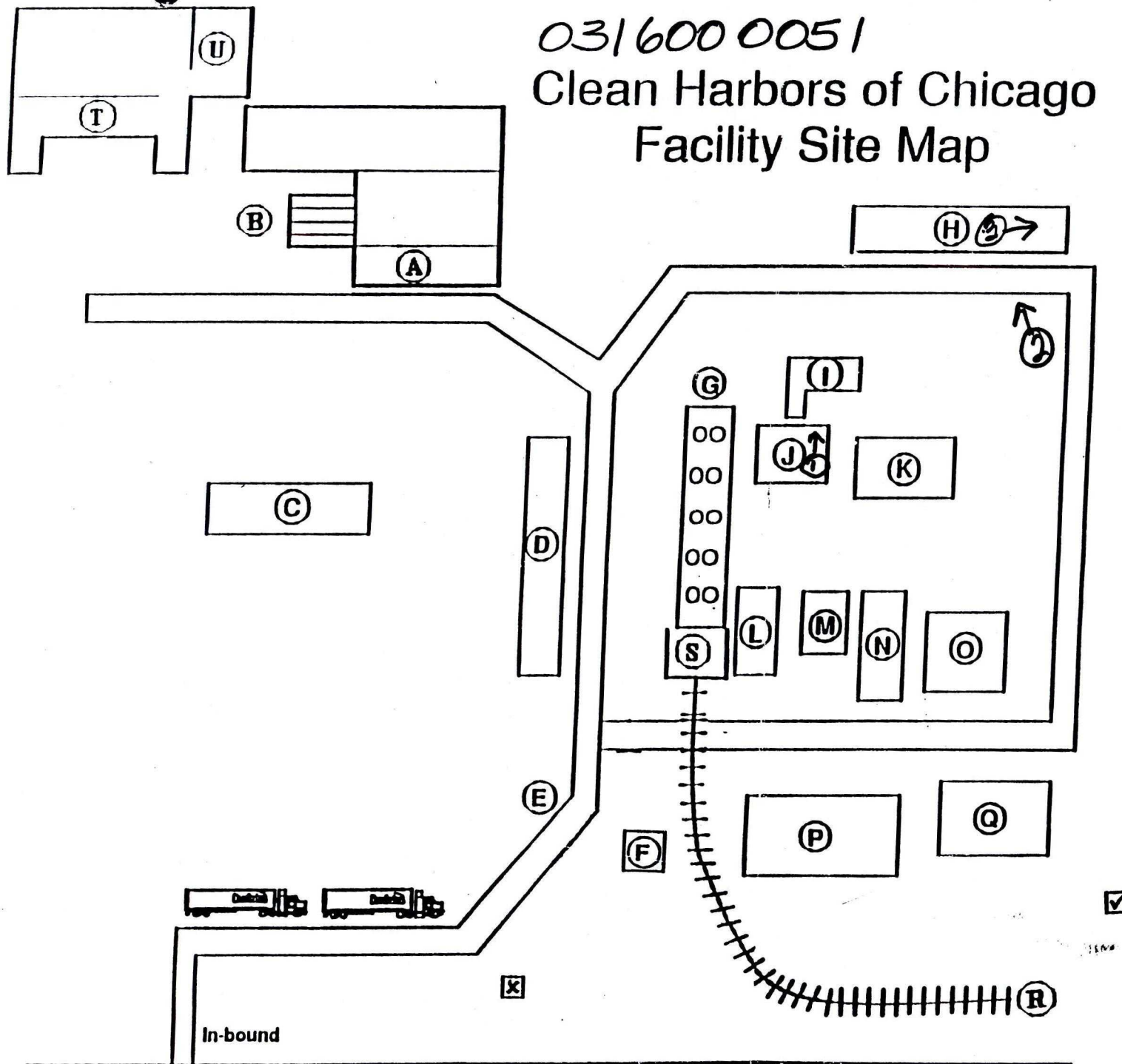
At the time of inspection no apparent violations were observed.

03/600 0051
Clean Harbors of Chicago
Facility Site Map



LEGEND:

- A. South Laboratory
- B. Inorganic Treatment Pits
- C. Truck Storage Pads
- D. Truck Scale
- E. Truck Entrance/Security
- F. Logistics Office/Receiving
- G. Tank Farm
- H. Lab Pack Drum Storage
- I. Fuels Blending
- J. Flammable Drum Storage
- K. Receiving Dock/Truck Pad
- L. Truck Storage Pad
- M. Control Room
- N. North Laboratory
- O. Training Personnel Building
- P. Maintenance
- Q. Administration Building
- R. Rail Spur
- S. Pump House
- T. In-bound Receiving
- U. Out-bound
- ☒ Primary Assemble Point
- ☒ Secondary Assemble Point



Stony Island Avenue

72

D.V. File

GENERAL FACILITY INFORMATION

USEPA ID #:	ILD 000608471	IEPA ID #:	03/600 0051
Facility Name:	CLEAN HARBORS	Phone #:	773/646-6202
Location:	11800 S. STONY ISLAND	County:	COOK
City:	CHICAGO	State:	IL
Region:	MAYWOOD	Zip Code:	60617
Weather:	CLEAR SUNNY	Inspection Date:	3/30/99
	APPROX. 50°F	Time:	9:30 AM - 11:30 AM

TYPE OF FACILITY

Notified As: <u>B, T, S</u>	Regulated As: <u>B, T, S</u>
-----------------------------	------------------------------

TYPE OF INSPECTION

CEI: CME/O&M: CSI: NRR: F/U to: / / CCI: PIF: CVI: CSE: CAO: Other:

NOTIFICATION INFORMATION (EPA 8700-12)

Notification Date: 7/29/89 (initial) 2/14/92 (subsequent)

PART A PERMIT INFORMATION (EPA 3510-3)

Part A Date: / / Amended: / / Withdrawn: / /

PART B PERMIT INFORMATION

Part B Submitted/Issued (circle one): 10/24/94

ACTIVE ENFORCEMENT NA

Has the company been referred to: USEPA: / / IAGO: / / County State's Attorney: / /

ACTIVE ENFORCEMENT ORDERS *NA*

CACO: / / CAFO: / / Federal Court Order: / /

Consent Decree: / / IPCB Order: / / State Court Order: / /

TSD FACILITY ACTIVITY SUMMARY

[illegible]

Facility Name: Clean Harbors
 USEPA #: IL D 0 0 0 6 0 8 4 7 1
 IEPA #: 0 3 1 6 0 0 0 0 5 1

WASTE DISPOSITION FORM

Waste Name (include haz & waste for which no determination has been made)	Generating Process (For waste gen. on site. N/A for TSD)	Date of Last Analysis	USEPA Haz Waste #	*On 8700-12	*On 3510-3	On Annual Report for: (Circle if present; cross out if not present)			Amount on Site	Rate of Generation	Last manifested Shipment	Disposition
						*1998	*1999	*1997				
WASTE FLAM. Solids	BULKING PROCESS	EACH SHIPMENT	D001 F002 NUMEROUS	Y		G	G	G	NONE	40 yd ³ MONTH	3/19/99	CLEAN HARBORS KIMBAL NEB. INCINERATION
HAZ. WASTE SOLID	SPENT FILTERS FROM CARBON ADSORPTION UNIT	↓	F001 NUMEROUS			G	G	G	IN PROCESS	VARIES	2/25/99	ENVIRONMENTAL REGENERATION
WASTE FLAM LIQUID	NA		F001 NUMEROUS			G	G	G	2,000 GALS	VARIES	3/24/99	CLEAN HARBORS BALT. TREATMENT
WASTE FLAM LIQUID	FUEL BLENDING		D001 F002 NUMEROUS			G	G	G	20,000 GAL	15,000 gal/DAY	3/26/99	SYSTECH ENVIRONMENTAL
						G	G	G				CEMENT KILN FUEL.
NON HAZARDOUS WASTE						G	G	G				
Sludge	W/D TREATMENT	EACH SHIPMENT	NA			G	G	G	1 ROLL OFF BOX	27 yd ³ DAY	3/29/99	COUNTY ENVIRONMENTAL LF
RCRA EMPTY CRUSHED DRUMS	FUEL BLENDING		NA			G	G	G		25 yd ³ DAY	3/29/99	↓
USED OIL	OIL WATER SEPARATOR		NA			G	G	G	IN PROCESS	15,000 GAL MO		SAFETY KLEEN E. CHI. IND
						G	G	G				RECYCLING

*All "NO" responses must be explained in narrative

0316000051 / Cook County
Chicago/ Clean Harbors

ILD000608471
Narrative Prepared
by
Aaron Taylor

RECEIVED
APR 30 1999
IEPA-LLC

Clean Harbors current activities include the storage and treatment of aqueous-based waste streams in an on site waste water treatment system, the storage, consolidation and transfer of containerized hazardous and nonhazardous waste including lab packs, and the blending of hazardous waste fuels for use in cement kilns.

Hazardous Wastes generated by Clean Harbors are as follows:

Waste Flammable Solids EPA H.W. codes D001, F002, F005, numerous waste codes generated from the bulking of hazardous waste solids at the rate of approximately 40 cubic yards per month. The waste is stored in containers and is shipped to the Clean Harbors Kimbal, Neb. facility for incineration. The last manifested shipment was on 3/19/99 and at the time of inspection there was none of this waste on site.

Hazardous Waste Solid EPA H.W. code F001, numerous waste codes generated as spent carbon filters from the carbon adsorption units. The waste is in process and is shipped to Envirotrol of Sewickley, PA for regeneration. The last manifest shipment was on 2/25/99.

Waste Flammable Liquid EPA H.W. code F001, numerous waste codes, generated as lean water from off site customers the of generation varies and the waste is stored in containers. The waste is shipped to Clean Harbors Baltimore facility for treatment. The last manifested shipment was 3/24/99. There are 2, 000 gallons of this waste on site.

Waste Flammable Liquid EPA H.W. codes D001, F001, numerous waste codes generated as hazardous waste fuel from the fuel blending process at the rate of 15, 000 gallons per working day. The waste is stored in tanks and is shipped to Systech Environmental Cement Kiln Pauling OH for use as cement kiln fuel. There are 20, 000 gallons of this waste on site.

Nonhazardous wastes generated by Clean Harbors are as follows:

Metal Sludge generated from the wastewater treatment system at the rate of 27 cubic yards per day. The waste is stored in containers and is shipped to County Environmental Landfill in Pontiac, IL. for disposal.

0316000051 / Cook County
Chicago/ Clean Harbors
ILD000608471

RCRA Empty Crushed Drums generated from the fuel blending process at the rate of 25 cubic yards per day. The waste is shipped to County Environmental Landfill.

Used Oil generated from the oil water separator at the rate 15, 000 gallons per month the waste is shipped to Safety Kleen of East Chicago, Ind. for recycling.

Hazardous Waste Storage Units are described below:

The S01 units are permitted to receive all of the waste codes listed in attachment A of the Part B permit. The S01 units all have diked, coated concrete for secondary containment and the following storage capacities:

Outside Container Storage Area (Unit R1)

Is divided into the following Bays:


Staging Area	80 drums
Flammable Storage Area #1	160 drums
Flammable Storage Area #2	160 drums
Oxidizers Storage #1	96 drums
Reactives Storage #1	96 drums
Poisons Storage #1	96 drums
Lab Pack Pour Off Area (Unit F1)	8 drums
Bulk Container Storage Area (Unit Q1)	90 cubic yards
Truck Unloading Area and Bulking Area (Unit Q)	21, 600 gallons
Container Storage Building (Unit 25)	
is divided into the following bays:	
Alkaline / Poisons	336 drums
Acids	288 drums
PCBs / Poisons	128 drums

0316000051 / Cook County
Chicago/ Clean Harbors
ILD000608471

Ignitable Container Management Building (Unit 26)	192 drums
Container Handling Dock (Unit 61)	160 drums
Bulk Solids Storage (Unit B)	6 roll off boxes
Truck Staging Area (Unit C)	6 trucks
Truck Staging Area (Unit 59)	3 trucks
Truck Unloading Platform (Unit 15)	2 trucks
Rail Car Unloading Area (Unit 14)	60, 000 gallons

The following S02 units are permitted to accept all of the Hazardous Waste Codes listed in attachment A of the Part B permit. The S02 units have coated concrete vaults for secondary containment and have the following capacities:

Hazardous Waste Fuel Blending Operation (Unit 43)	
Tank Number 161-21	1,225 gallons
Tank Number 161-22	275 gallons
Flammable Storage Tank Farm (Unit 16)	
Tank Number 158 is comprised of the following five units: TK-103, TK-104, TK -105, TK-106 and TK-109	12, 800 gallons
Tank 159 is comprised of the following unit: TK-112	19, 600 gallons
Tank 177 is comprised of the following units: TK-101 and TK-107	12, 800 gallons
Tank 180 is comprised of the following units: TK-102	12, 800 gallons
Tank 183 is comprised of the following unit:	12, 800 gallons



0316000051 / Cook County
Chicago/ Clean Harbors
ILD000608471

Notes and Observations:

Clean Harbors is still awaiting USEPA approval to dismantle the old CWM incinerator. Clean Harbors current waste reduction strategy is to bulk similar solid and liquid waste, segregate hazardous and non hazardous wastes, and more efficient packaging of smaller containers.

List of Violations :

At the time of inspection no apparent violations were observed.

0316000051 / Cook County
Chicago/ Clean Harbors
ILD000608471

RCRA Empty Crushed Drums generated from the fuel blending process at the rate of 25 cubic yards per day. The waste is shipped to County Environmental Landfill.

Used Oil generated from the oil water separator at the rate 15, 000 gallons per month the waste is shipped to Safety Kleen of East Chicago, Ind. for recycling.

Hazardous Waste Storage Units are described below:

The S01 units are permitted to receive all of the waste codes listed in attachment A of the Part B permit. The S01 units all have diked, coated concrete for secondary containment and the following storage capacities:

Outside Container Storage Area (Unit R1)

Is divided into the following Bays:

Staging Area	80 drums
Flammable Storage Area #1	160 drums
Flammable Storage Area #2	160 drums
Oxidizers Storage #1	96 drums
Reactives Storage #1	96 drums
Poisons Storage #1	96 drums
Lab Pack Pour Off Area (Unit F1)	8 drums
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is divided into the following bays:

Alkaline / Poisons	336 drums
Acids	288 drums
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0316000051 / Cook County
Chicago/ Clean Harbors
ILD000608471

Ignitable Container Management Building (Unit 26)	192 drums
Container Handling Dock (Unit 61)	160 drums
Bulk Solids Storage (Unit B)	6 roll off boxes
Truck Staging Area (Unit C)	6 trucks
Truck Staging Area (Unit 59)	3 trucks
Truck Unloading Platform (Unit 15)	2 trucks
Rail Car Unloading Area (Unit 14)	60, 000 gallons

The following S02 units are permitted to accept all of the Hazardous Waste Codes listed in attachment A of the Part B permit. The S02 units have coated concrete vaults for secondary containment and have the following capacities:

Hazardous Waste Fuel Blending Operation (Unit 43)	
Tank Number 161-21	1,225 gallons
Tank Number 161-22	275 gallons

Flammable Storage Tank Farm (Unit 16)	
Tank Number 158 is comprised of the following five units: TK-103, TK-104, TK -105, TK-106 and TK-109	12, 800 gallons

Tank 159 is comprised of the following unit: TK-112	19, 600 gallons
--	-----------------

Tank 177 is comprised of the following units: TK-101 and TK-107	12, 800 gallons
--	-----------------

Tank 180 is comprised of the following units: TK-102	12, 800 gallons
---	-----------------

Tank 183 is comprised of the following unit:	12, 800 gallons
--	-----------------

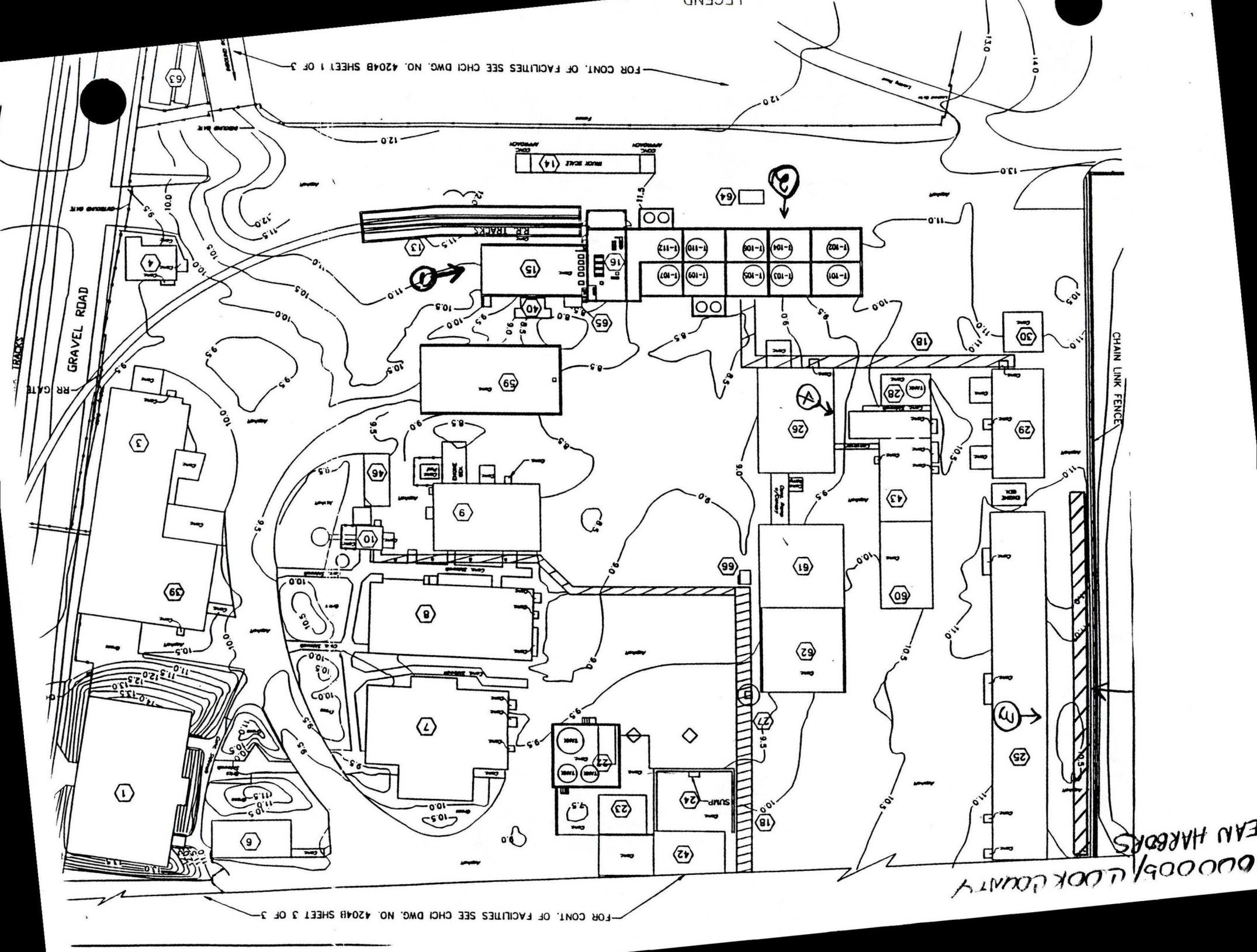
0316000051 / Cook County
Chicago/ Clean Harbors
ILD000608471

Notes and Observations:

Clean Harbors is still awaiting USEPA approval to dismantle the old CWM incinerator. Clean Harbors current waste reduction strategy is to bulk similar solid and liquid waste, segregate hazardous and non hazardous wastes, and more efficient packaging of smaller containers.

List of Violations :

At the time of inspection no apparent violations were observed.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

BUREAU OF LAND/FIELD OPERATIONS SECTION

RCRA INSPECTION REPORT

GENERAL FACILITY INFORMATION

USEPA ID #: <u>ILD000608471</u>	IEPA ID #: <u>0316000051</u>
Facility Name: <u>Clean Harbors Services, Inc.</u>	Phone #: <u>773/646-6202</u>
Location: <u>11800 S. Stony Island</u>	County: <u>COOK</u>
City: <u>Chicago</u>	State: <u>ILLINOIS</u>
Region: <u>MAYWOOD</u>	Zip Code: <u>60617</u>
Weather: <u>Cloudy 45°F</u>	Inspection Date: <u>02/26/99</u>
	Time: <u>11:30 AM</u>

TYPE OF FACILITY

Notified As: <u>G, T, S</u>	Regulated As: <u>G, T, S, D</u>
-----------------------------	---------------------------------

TYPE OF INSPECTION

CEI:	CME/O&M: <input checked="" type="checkbox"/>	CSI:	NRR:	F/U to:	/	/	CCI:	PIF:	CVI:	CSE:	CAO:	Other:
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NOTIFICATION INFORMATION (EPA 8700-12)

Notification Date: <u>08/18/80</u> (initial)	/	/	(subsequent)
--	---	---	--------------

PART A PERMIT INFORMATION (EPA 3510-3)

Part A Date: <u>08/18/80</u>	Amended: <u>03/02/92</u>	Withdrawn: <u>N/A</u>
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PART B PERMIT INFORMATION

Part B Submitted/Issued (circle one): <u>09/30/93</u>

ACTIVE ENFORCEMENT N/A

Has the company been referred to:	USEPA:	/	/	IAGO:	/	/	County State's Attorney:	/	/
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ACTIVE ENFORCEMENT ORDERS

CACO:	/	/	CAFO:	/	/	Federal Court Order:	/	/
Consent Decree:	/	/	IPCB Order:	/	/	State Court Order:	<u>06/02/88</u>	

TSD FACILITY ACTIVITY SUMMARY

Activity by Process Code	On Part A?	On Part B?	Activity ever done?	Closed?	Being done during insp?	Exempt per 35 IAC Sec:	On Annual Report 1997 1996 1995
<u>SD1</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N/A</u>	<u>Y</u>
<u>SD2</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N/A</u>	<u>Y</u>
<u>TD1</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N/A</u>	<u>Y</u>
<u>TD4</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N/A</u>	<u>Y</u>
<u>SD4/D83</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>N/A</u>	<u>Y</u>
							<u>Y</u>
							<u>Y</u>
							<u>Y</u>
							<u>Y</u>
							<u>Y</u>

NARRATIVE
Prepared by Gino Bruni

RECEIVED
MAR 29 1999
IEPA-DLPC

On February 26, 1999, I conducted a O & M inspection at the Clean Harbors Services, Inc. facility located in Chicago, Illinois. I met with James Laubsted (Facility Compliance Manager).

The purpose of this inspection was to determine the facility's compliance with 35 Ill. Adm. Code, Part 724, Subpart F, and the Part B Permit. Specifically, sampling and analysis procedures and the condition of each well in the groundwater monitoring system.

PART B PERMIT GROUNDWATER MONITORING WELLS

Upgradient wells: G123S, G307S, G334S, and G343S
Compliance wells: G120S, G121SR, G122S, G124S, and G126S

INACTIVE SURFACE IMPOUNDMENTS

Clean Harbors assumed ownership and operational control of four inactive surface impoundments which were formerly used to manage process water from an on-site hazardous waste incinerator. The four surface impoundments have been certified closed in accordance with an Agency approved closure plan. The surface impoundments remain a regulated hazardous waste management unit (disposal).

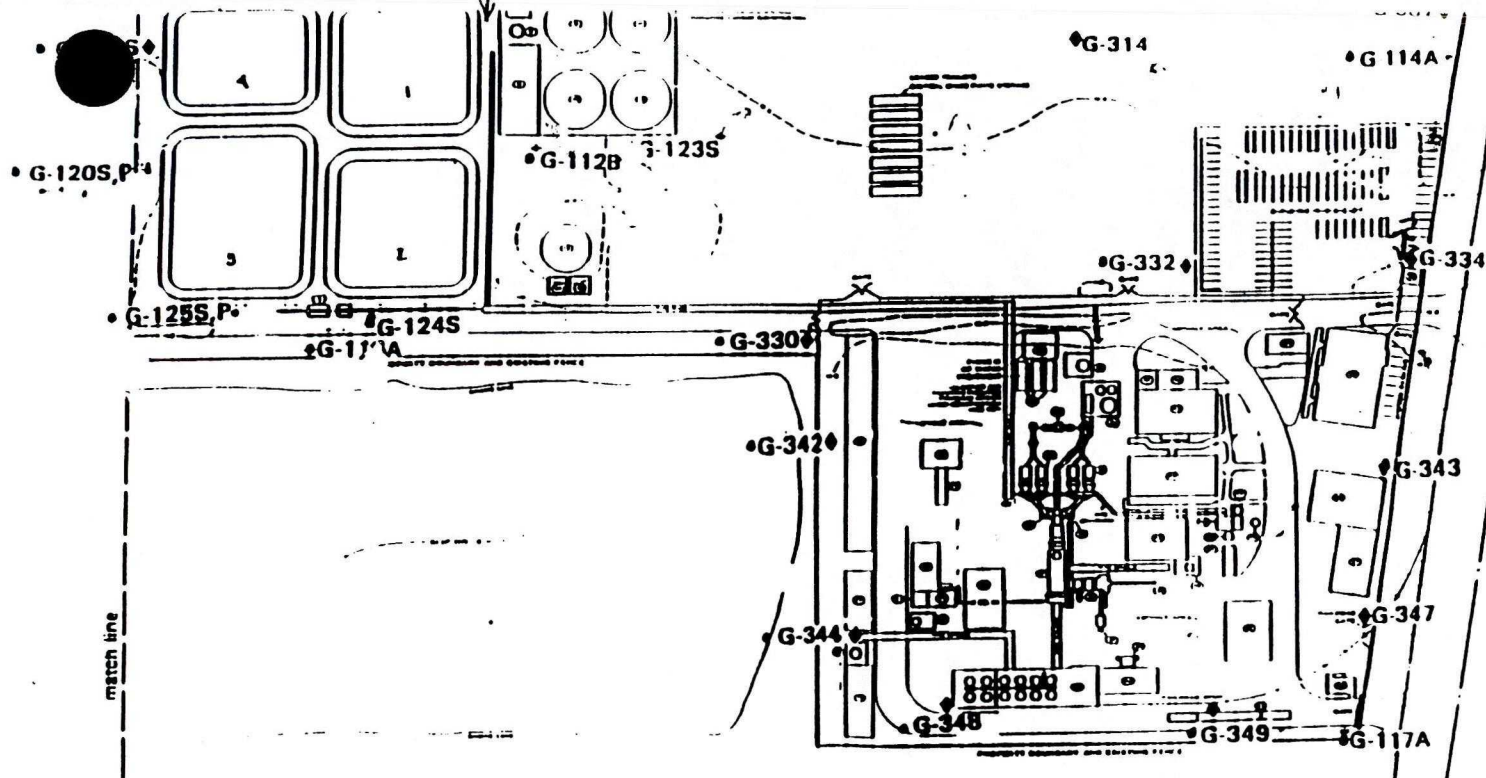
Phase I of the RFI has been completed. The results of the Phase I investigations show that soil concentrations exceed the Tier I objectives, and groundwater contamination exceeding 35 Ill. Adm. Code 620 Class II Standards. This RFI was required under the 1988 Consent Judgement between CWM and USEPA. The IEPA approved the RFI Phase I Report in a letter dated January 31, 1996.

Additional sampling (Phase II/III) was completed and the report was submitted to the Agency in late December 1997. Clean Harbors has not received any information from the Agency regarding the Phase II/III report.

0316000051 - Cook County
Clean Harbors Services, Inc.
ILD00608471
Page 2

EMT (groundwater sampling contractor) was not sampling the groundwater monitoring wells during this inspection. Samples are collected during the following months: January-February, April-May, July-August, and October-November.

No apparent violations were observed.



<p>Legend</p> <p>ASSESSMENT WELLS INSTALLED IN 1995</p> <p>WELL LOCATIONS CONSIST OF ONE STAINLESS STEEL AND ONE PVC WELL INSTALLED SIDE BY SIDE</p> <p>RCRA MONITORING WELLS INSTALLED IN 1991</p> <p>OTHER MONITORING WELLS INSTALLED IN 1991</p>	<p>PHASE I INVESTIGATION</p> <p>LEGEND</p> <p>WELL SAMPLING POINT</p>
---	---

Modified from Daryes & Moore III Report

PROJECT	CWM Chemical Services, Inc Chicago Incinerator
TITLE	EXISTING GROUNDWATER MONITORING WELL LOCATIONS
FIGURE	FIGURE 2
SEC DONOHUE Oak Brook, IL	
DATE	3/92
SCALE	AS SHOWN

2/26/99

CLEAN HARBORS (D) → PHOTO H, & DIRECTION

Illinois Environmental Protection Agency
Division of Land Pollution Control

RCRA INSPECTION REPORT

USEPA #: IL D000608471 | IEPA #: D316000051
 Facility Name: Clean Harbors Services, Inc. | Phone #: 773/646-6202
 Street Address: 11800 S. Stony Island | County: Cook
 City: Chicago | State: Illinois | Zip: 60617
 Region: MAYWOOD | Inspection Date: 03/20/98 | From: 10:00am To: 12:00pm
 Weather: Cloudy 43°F

TYPE OF FACILITY

Notified As: G, T, S | Regulated As: _____
 LDF? ☒ HPV? ☐ | 90-Day F/U Required?: YES ☐ NO ☒

TYPE OF INSPECTION

CEI: _____ Sampling: _____ Citizen Complaint: _____ Closed: _____ Other: _____
 CME/O&M: ☒ Record Review: _____ Follow-Up to Inspection of: _____ Withdrawal: _____

NON-REGULATED STATUS N/A

SGQ: _____ Claimed Nonhandler: _____ Other (Specify in Narrative): _____

PART A

Notification Date: 08/18/80, from (initial) or (subsequent) Notification.
 Initial Part A Date: 08/18/80 | Amended: 03/02/92
 Part A Withdrawal requested: 1/1/NA | Approved by (US)(IL) EPA: NA/1/1

PART B PERMIT APPLICATION

Part B Permit Submitted: ☒ or N 08/20/92 | Final Permit Issued: 09/30/93

ENFORCEMENT N/A

Has the firm been referred to -- USEPA: Y or N 1/1/
 Illinois Attorney General: Y or N 1/1/ | County State's Attorney: Y or N 1/1/

ORDERS ISSUED

CACO: 1/1/ | CAFO: 1/1/ | Consent Decree: 1/1/
 Federal Court Order: 1/1/ | State Court Order: 06/22/88 | IPCB Order: 1/1/

TSD FACILITY ACTIVITY SUMMARY

Activity by Process Code	On Part A?				Closed	Being done at Time of Insp?	Exempt per 35 IAC. Sec.	On Annual Report		
	Activity Conducted Prior to 1980?	Was Activity Ever Done?						1997	1996	1995
S01	Y	Y	Y	N	Y	NA		Y	Y	Y
S02	Y	Y	Y	Y	Y	Y		Y	Y	Y
T01	Y	Y	Y	Y	Y	Y		Y	Y	Y
TD4	Y	Y	Y	Y	Y	Y		Y	Y	Y
SD4/D83	Y	N	Y	Y	Y	Y		N	N	N

OPERATOR

PERSON(S) INTERVIEWED

Processed by **Glenn E. ...**

TITLE

PHONE #INSPECTION PARTICIPANT(S)

AGENCY/TITLE

PHONE #

PREPARED BY

AGENCY/TITLE**PHONE #**

SUMMARY OF APPARENT VIOLATIONS

IL 532-1835
LPC - 333 (12/89) Page 2

0316000051 - Cook County - Cook County
Clean Harbors Services, Inc. Services, Inc.
ILD00608471 April 14, 1998
April 14, 1998

NARRATIVE

Phase I RFI Prepared by Gino Bruni 1996 was submitted in accordance with the January 31, 1996 IEPA letter approving the RFI Phase I Report. Additional soil sampling and a groundwater inventory. On March 20, 1998, I conducted an O&M inspection at Clean Harbors. The purpose of this inspection was to inspect the operation and maintenance of the facility's groundwater monitoring system. The existing Clean Harbors is located on Pier No. 4 of Lake Calumet in Chicago and is approximately 26.1 acres. The former CWM Chicago Clean Harbors Incinerator site has been incorporated into the CHCI RCRA Permit. The combined property which is owned by the Illinois International Port Authority is approximately 56.6 acres observed during this inspection.

INACTIVE SURFACE IMPOUNDMENTS

CHCI assumed ownership and operational control of four inactive surface impoundments which were formerly used to manage process water from an on-site hazardous waste incinerator. The four surface impoundments have been certified closed in accordance with an Agency approved closure plan. The surface impoundments remain a regulated hazardous waste disposal unit throughout the 30 year post-closure period.

UPPERMOST AQUIFER

The uppermost aquifer is a heterogeneous mixture of fill materials composed of cement fragments, masonry, rubble, wood, and metal scraps, sludge, cinders and clay. The fill varies in thickness from approximately seven to eighteen feet.

PART B PERMIT GROUNDWATER MONITORING WELLS

UPGRADIENT WELLS: G123S, G307S, G334S, AND G343S

COMPLIANCE WELLS: G120S, G121SR, G122S, G124S, AND G126S

Phase I of the RFI has been completed. The results of the Phase I investigations show that: soil concentrations exceed the Tier I objectives, and groundwater contamination exceeding 35 Ill. Adm. Code 620 Class II standards is present at the former CWM-CS portion of the facility. This RFI was required under the 1988 Consent Judgement between CWM-CS and USEPA. The IEPA approved the RFI Phase I Report in a letter dated January 31, 1996.

0316000051 - Cook County
Clean Harbors Services, Inc.
April 14, 1998
Page 2

RFI Phase II/III Workplan (May 1996) was submitted in accordance with the January 31, 1996 IEPA letter approving the RFI Phase I Report. Additional soil sampling and a groundwater investigation plan are proposed in the Phase II/III Workplan. The IEPA approved the RFI Work Plan with modifications by the IEPA in a letter dated March 6, 1997.

Modification Date: 12/2/96

Groundwater is sampled by EMT and analyzed by Clean Harbors Technical Corp. in Kimball, Nebraska.

No apparent violations were observed during this inspection.

A. SUMMARY

N/A

E. COMPLIANCE MONITORING PROGRAM

X

F. SAMPLING AND ANALYTICAL PROCEDURES

X

G. STATISTICAL PROCEDURES

X

H. RECORDING AND RECORD KEEPING

X

I. COMPLIANCE SCHEDULE

X

RCRA Part B Permit Checklist
Groundwater Monitoring
Effective Date: 09/30/97
Modification Date: 12/2/96

SECTION III: GROUNDWATER MONITORING, COMPLIANCE MONITORING

A. SUMMARY

B. IMPLEMENTATION

C. WELL LOCATIONS AND CONSTRUCTION

D. GROUNDWATER PROTECTION STANDARD

E. COMPLIANCE MONITORING PROGRAM

F. SAMPLING AND ANALYTICAL PROCEDURES

G. STATISTICAL PROCEDURES

H. REPORTING AND RECORD KEEPING

I. COMPLIANCE SCHEDULE

COMPLIANCE
Y / N

N/A

X

X

X

X

X

X

X

X

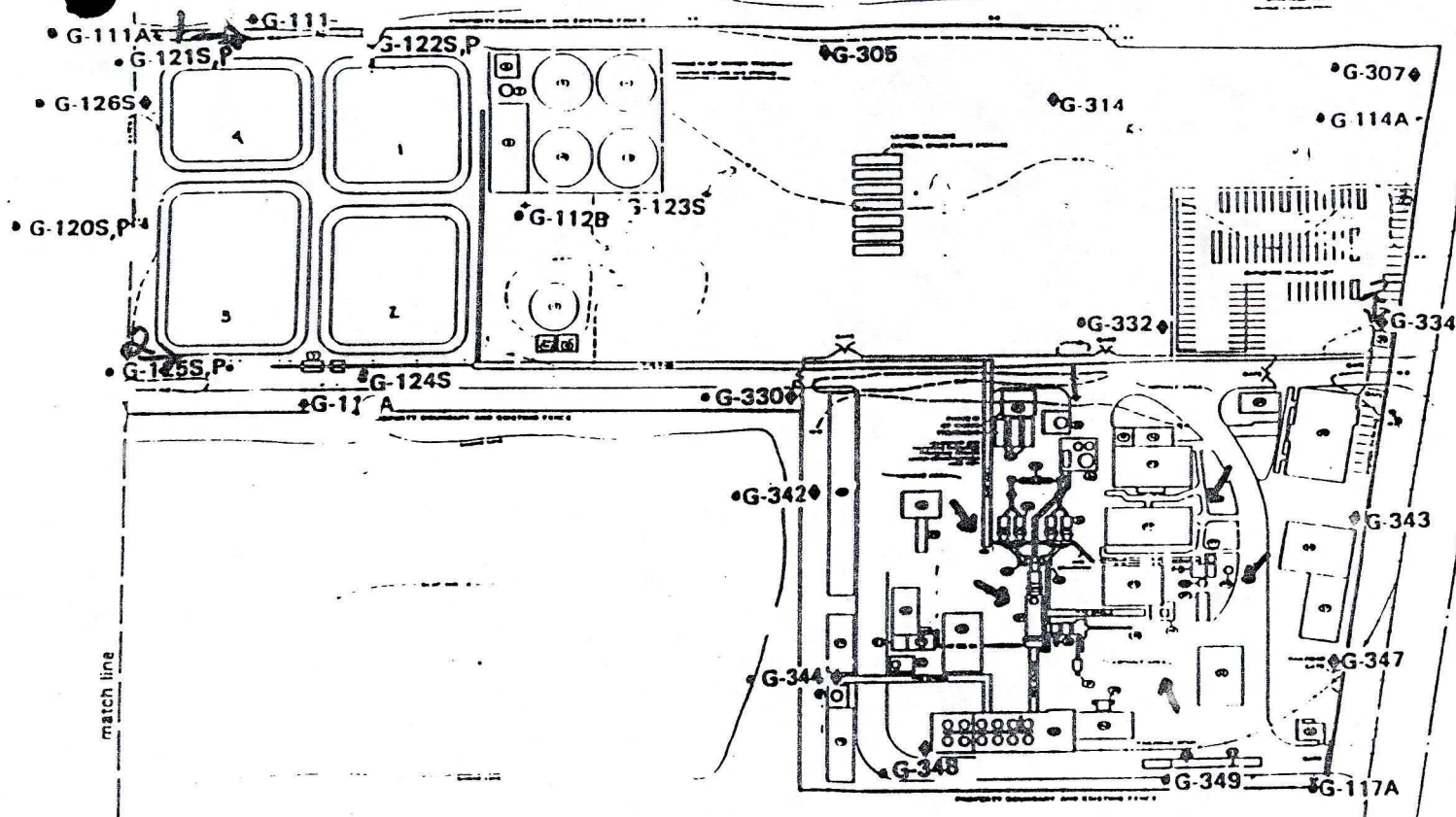
SECTION III

FIGURE 2

West Creek Services, Inc.
15000 Greenway Drive
Chicago, Illinois 60641

1. MONITORING WELL
2. MONITORING POINT
3. MONITORING LOCATION

Modified from Dargatzis, J. (1991)



see following page for entire facility
attach at match line

1. 10' Diameter	11. 10' Diameter	21. 10' Diameter	31. 10' Diameter	41. 10' Diameter
2. 10' Diameter	12. 10' Diameter	22. 10' Diameter	32. 10' Diameter	42. 10' Diameter
3. 10' Diameter	13. 10' Diameter	23. 10' Diameter	33. 10' Diameter	43. 10' Diameter
4. 10' Diameter	14. 10' Diameter	24. 10' Diameter	34. 10' Diameter	44. 10' Diameter
5. 10' Diameter	15. 10' Diameter	25. 10' Diameter	35. 10' Diameter	45. 10' Diameter
6. 10' Diameter	16. 10' Diameter	26. 10' Diameter	36. 10' Diameter	46. 10' Diameter
7. 10' Diameter	17. 10' Diameter	27. 10' Diameter	37. 10' Diameter	47. 10' Diameter
8. 10' Diameter	18. 10' Diameter	28. 10' Diameter	38. 10' Diameter	48. 10' Diameter
9. 10' Diameter	19. 10' Diameter	29. 10' Diameter	39. 10' Diameter	49. 10' Diameter
10. 10' Diameter	20. 10' Diameter	30. 10' Diameter	40. 10' Diameter	50. 10' Diameter

LEGEND

- ➔ DIRECTION OF SURFACE WATER DRAINAGE
- ASSESSMENT WELLS INSTALLED IN 1985
WELL LOCATIONS CONSIST OF ONE
STAINLESS STEEL AND ONE PVC WELL
INSTALLED SIDE BY SIDE
- ◆ RCRA MONITORING WELLS INSTALLED IN 1981
- OTHER MONITORING WELLS INSTALLED IN 1981

PHASE I INVESTIGATION

- ◆ SOIL SAMPLING POINT

Modified from Daryes & Moore III Report

PROJECT
CWM Chemical Services, Inc.
Chicago Incinerator

TITLE
EXISTING GROUNDWATER
MONITORING WELL
LOCATIONS

FIGURE
FIGURE 2

SEC DONOHUE
Oak Brook, IL

DATE 3/82
SCALE as shown

03/20/98

CLEAN HARBORS D-2 Photo 4, & DIRECTION

Illinois Environmental Protection Agency
Division of Land Pollution Control

RCRA INSPECTION REPORT

USEPA #: IL D000608471 IEPA #: 0316000051
 Facility Name: CLEAN HARBORS Phone #: 773/646-6202
 Street Address: 11800 S. STONY ISLAND County: COOK
 City: CHICAGO State: IL Zip: 60617
 Region: MAYWOOD Inspection Date: 3/26/98 From: 9:30 AM To: 12:00 PM
 Weather: CLEAR SUNNY APPROX 60°F RECEIVED

TYPE OF FACILITY

APR 21 1998

Notified As: G, T, S Regulated As: G, T, S IEPA-DLPC
 LDF? NO HPV? NO 90-Day F/U Required?: YES NO X

TYPE OF INSPECTION

CEI: X Sampling: Citizen Complaint: Closed: Other:
 CME/O&M: Record Review: Follow-Up to Inspection of: Withdrawal:

NON-REGULATED STATUS NA

SQG: Claimed Nonhandler: Other (Specify in Narrative):

PART A

Notification Date: 7/29/89, from (initial) or (subsequent) Notification.
 Initial Part A Date: / / Amended: 2/14/92
 Part A Withdrawal requested: / / Approved by (US)(IL) EPA: / /

PART B PERMIT APPLICATION

Part B Permit Submitted: Y or N / / Final Permit Issued: 10/24/94

ENFORCEMENT

Has the firm been referred to -- USEPA: Y or N / /
 Illinois Attorney General: Y or N / / County State's Attorney: Y or N / /

ORDERS ISSUED

CACO: / / CAFO: / / Consent Decree: / /
 Federal Court Order: / / State Court Order: / / IPCB Order: / /

TSD FACILITY ACTIVITY SUMMARY

Activity by Process Code	On Part A?	Activity Conducted Prior to 1987		Was Activity Ever Done?	Closed	Being done at Time of Insp.?	Exempt per 35 IAC. Sec.	On Annual Report		
		YES	NO					1997	1996	1995
<u>S01</u>	<u>YES</u>	<u>YES</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NA</u>	<u>YES</u>	<u>YES</u>	<u>YES</u>	<u>YES</u>
<u>S02</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>
<u>T01</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>
<u>T04</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>

OPERATOR

PERSON(S) INTERVIEWED

TITLE**PHONE #****INSPECTION PARTICIPANT(S)****AGENCY/TITLE****PHONE #**

PREPARED BY

AGENCY/TITLE**PHONE #**

SUMMARY OF APPARENT VIOLATIONS

NO APPARENT VIOLATIONS CITED

[illegible]

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
	Part 722: Standards Applicable to Generators of Hazardous Waste (> 1000 Kg/mo.)	
	Subpart A: General	
	Section 722.111: Hazardous Waste Determination	
722.111	Has the generator correctly determined if the solid waste(s) it generates is a hazardous waste? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.111
	Have hazardous wastes been identified for purposes of compliance with Part 728? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
808.121(a)	Has the generator correctly determined if the solid waste(s) it generates is a special waste? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	808.121(a)
	Section 722.112: USEPA Identification Numbers	
722.112(a)	Has the generator obtained a USEPA identification number? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.112(a)
722.112(c)	Has the generator offered its hazardous waste only to transporters or to treatment, storage or disposal facilities that have a USEPA identification number? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.112(c)
	Subpart B: The Manifest	
	Section 722.120: General Requirements	
722.120(a)	Does the facility manifest its waste off-site? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.120(a)
722.120(b)	Does the manifest designate a facility permitted to handle the waste? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.120(b)
722.120(d)	Has the generator shipped any waste that could not be delivered to the designated facility? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.120(d)
	Section 722.121: Acquisition of Manifests	
	Has the generator used:	
722.121(a)	- an Illinois manifest for wastes designated to a facility within Illinois? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.121(a)
722.121(b)	- a manifest from the State to which the manifest is designated? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.121(b)
	- an Illinois manifest if the State to which the waste is designated has no manifest of its own? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
	Section 722.122: Number of Copies	
722.122	Does the manifest consist of at least 6 copies? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.122
	Section 722.123: Use of the Manifest	
	For each manifest reviewed, has the generator:	
722.123(a)	- signed the certificate by hand? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.123(a)
	- obtained the handwritten signature and the date of acceptance by the initial transporter? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
	- retained one copy as required by Section 722.140(a)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
	- apparently sent a copy (part 5 for the Illinois manifest) to the Agency within 2 working days? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
722.123(b)	- has the generator apparently given the remaining copies to the transporter? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.123(b)

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
722.123(c)	<p>– has the generator followed the procedures prescribed in Section 722.123 for manifesting bulk shipments of hazardous waste by rail or water?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Subpart C: Pre-Transport Requirements</p> <p>Is there any hazardous waste ready for transport off-site?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>If so, is the generator complying with the pre-transport requirements in Subpart C?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>Section 722.134: Accumulation Time</p>	722.123(c)
722.134(a)	<p>Has the generator complied with the following requirements:</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p>	722.134(a)
722.134(a)(1)	<p>A) For waste in containers, has the generator complied with the requirements of Part 725, Subpart I?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>and/or</p> <p>B) For waste in tanks, has the generator complied with the requirements of Part 725, Subpart J (except Sections 725.297(c) and 725.300)?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>and/or</p> <p>C) For waste on drip pads, has the generator complied with the requirements of Part 725, Subpart W and maintained the required records identified in this subsection?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>and/or</p> <p>D) For waste in containment buildings, has the generator complied with Part 725, Subpart DD and maintained the required records identified in this subsection?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p>	
722.134(a)(2)	<p>For waste in containers, has the generator marked and made visible for inspection on each container, the date upon which accumulation began?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p>	
722.134(a)(3)	<p>For waste in containers and tanks, has the generator marked or labeled each with the words "Hazardous Waste"?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p>	
722.134(a)(4)	<p>Has the generator complied with the requirements of Part 725, Subparts C and D, and Sections 725.116 and 728.107(a)(4)?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Specifically, the requirements of items 1 and/or 4 above (listed by regulation) which need to be complied with are as follows:</p> <p>Does the facility accumulate hazardous waste in containers?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>If "No", go to Subpart J.</p>	

Subpart F: Use and Management of Containers

Has the generator closed an accumulation area?

Yes _____

No X

N/A _____

(725.211) If "Yes", was the accumulation area closed in accordance with Sections 725.211 and 725.214?

(725.214)

Yes _____

No _____

N/A _____

(725.271) If the containers have leaked or are in poor condition, has the owner/operator transferred the hazardous waste to a suitable container?

Yes _____

No _____

N/A X

(725.272) Is the waste compatible with the container and/or liner?

Yes X

No _____

N/A _____

(725.273a) Are containers of hazardous waste always closed except to remove or add waste during accumulation?

Yes X

No _____

N/A _____

(725.273b) Are containers of hazardous waste being opened, handled, or stored in a manner which will prevent the rupture of the container or prevent it from leaking?

Yes X

No _____

N/A _____

(725.274) Is the owner/operator inspecting the accumulation area(s) at least weekly, looking for leaks or deterioration?

Yes X

No _____

N/A _____

Is the accumulation area free from any evidence of leaking or deteriorating containers? (See also Section 725.131)

Yes X

No _____

N/A _____

(725.276) Are containers holding ignitable or reactive wastes located at least 15 meters (50 feet) from the facility's property line?

Yes X

No _____

N/A _____

Note: See Section 725.117(a) for additional requirements for ignitable, reactive or incompatible wastes.

(725.277) Is the owner/operator complying with the requirements concerning incompatible wastes?

Yes _____

No _____

N/A X

Comments:

Does the generator accumulate and/or treat hazardous waste in tanks?

Yes X

No _____

N/A _____

Note: If "No", go to Subpart C.

- 4) design or operational measures that will protect underground tank systems from potential damage resulting from vehicular traffic?

Yes _____ No _____ N/A ☒

- 5) designs to ensure adequate foundations, anchoring to prevent flotation or dislodgement and the ability to withstand the effects of frost heave?

Yes _____ No _____ N/A ☒

- (725.292g) Has the owner/operator obtained and kept on file at the facility the written statements, including the certification statements [as required in Section 702.126(d)] of the design and installation requirements of Subsections (b) through (f)?

Yes ☒ No _____ N/A _____

- (725.293a) Is secondary containment provided for any new tank system before being put into service?

Yes ☒ No _____ N/A _____

Does an existing tank, used to accumulate F020, F021, F022, F023, F026 or F027 waste(s), have secondary containment by 1/12/89?

Yes _____ No _____ N/A ☒

For an existing tank of documentable age, is secondary containment provided by 1/12/89 or when the tank is 15 years old, whichever is later?

Yes ☒ No _____ N/A _____

For an existing tank of undocumentable age, has secondary containment been provided by 1/12/95?

Yes ☒ No _____ N/A _____

or

if the facility is older than 7 years, by the time the facility reaches 15 years of age or 1/12/89, whichever is later?

Yes _____ No _____ N/A ☒

For tanks that accumulate wastes that become hazardous after 1/12/87, has secondary containment been provided within the time intervals required in Subsections (a)(1) through (a)(4) substituting the date that a material becomes a hazardous waste for 1/12/87?

Yes ☒ No _____ N/A _____

- (725.293b) Is the secondary containment system designed, installed and operated to prevent migration of wastes or accumulated liquid out of the system at any time?

Yes ☒ No _____ N/A _____

Is the secondary containment system capable of detecting and collecting releases and accumulated liquids until the collected material is removed?

Yes ☒ No _____ N/A _____

- (725.293c) To meet the requirements of Subsection (b), is the secondary containment system:

- 1) compatible with the waste(s) in the tank and of sufficient strength and thickness to prevent failure?

Yes ☒ No _____ N/A _____

- 2) placed on a foundation or base capable of providing support, providing resistance to pressure gradients and preventing failure due to settlement, compression or uplift?

Yes ☒ No _____ N/A _____

- 3) provided with a leak detection system designed and operated to detect any release or accumulated liquid within 24 hours?

Yes ☒ No _____ N/A _____

- 4) sloped or otherwise designed or operated to drain and remove liquids resulting from leaks, spills or precipitation?

Yes ☒ No _____ N/A _____

and

is spilled or leaked waste and accumulated precipitation removed from the secondary containment within 24 hours?

Yes ☒ No _____ N/A _____

Note: A RCRA permit may allow for removal of liquids less frequently than 24 hours after accumulation.

Subpart J: Tank Systems

Has the generator closed an accumulation area?

Yes _____ No X N/A _____

(725.211) If "Yes", was the accumulation area closed in accordance with Sections 725.211 and 725.214?

(725.214) Yes _____ No _____ N/A _____

(725.290) Does the facility accumulate or treat hazardous waste in tanks?

Yes X No _____ N/A _____

If "No", skip Subpart J.

a) Tank systems that are used to accumulate or treat hazardous waste which contains no free liquids (using the Paint Filter Liquids Test) and that are situated inside a building with an impermeable floor are exempted from the requirements in Section 725.293.

b) Tank systems, including sumps, that serve as part of a secondary containment system to collect or contain releases of hazardous wastes are exempted from the requirements in Section 725.293(a).

c) Tanks, sumps and other collection devices used in conjunction with drip pads (as defined in Section 720.110) and regulated under Subpart W, must meet the requirements of this Subpart.

(725.291a) For tanks existing prior to July 14, 1986 (see definition of tank system under 720.110) and not protected by a secondary containment system, has a written assessment been reviewed and certified by an IRPE(*) in accordance with Section 702.126(d) by January 12, 1988 (except as provided in Section 725.291(c))?

Yes _____ No _____ N/A f

(725.291b) Does this assessment consider at least the following:

1) design standards for the tank and ancillary equipment?

Yes _____ No _____ N/A _____

2) hazardous characteristics of the wastes?

Yes _____ No _____ N/A _____

3) existing corrosion protection measures?

Yes _____ No _____ N/A _____

4) documented age of the tank system?

Yes _____ No _____ N/A _____

5) results of a leak test, internal inspection, or other tank integrity examination?

Yes _____ No _____ N/A _____

(725.291c) Has a tank system assessment been performed within 12 months after the materials in the tank become a hazardous waste?

Yes X No _____ N/A _____

Note: If an assessment indicates a tank system is leaking or unfit for use, the owner/operator must comply with the requirements of Section 725.291(b)(5).

(725.292a) For new tanks (see definition of new tanks under Section 720.110) whose installation commenced after 7/14/86, has a written assessment been reviewed and certified by an IRPE in accordance with Section 702.126(d) prior to operation of the tank system?

Yes X No _____ N/A _____

Does the assessment include, at a minimum, the following:

1) design standards for tanks and ancillary equipment?

Yes X No _____ N/A _____

2) hazardous characteristics of the waste(s) to be handled?

Yes X No _____ N/A _____

3) evaluation of potential for corrosion and corrosion protection measures for tank systems with metal components in contact with soil or water?

Yes X No _____ N/A _____

- 5.293d) Does the secondary containment for tanks have one or more of the following:
- 1) a liner (external to the tank); or
 - 2) a vault; or
 - 3) a double-walled tank; or
 - 4) an equivalent device (approved by the Board)?
- Yes ☒ No ☐ N/A ☐
- (725.293e) Does the external liner system(s), vault system(s) and/or double-walled tank(s) meet the additional requirements identified in Section 725.293(e)?
- Yes ☒ No ☐ N/A ☐
- (725.293f) Is ancillary equipment protected by secondary containment that meets the requirement of Subsection (h) and (c) except for:
- 1) aboveground piping (exclusive of flanges, joints, valves and connections) that are inspected daily?
- Yes ☒ No ☐ N/A ☐
- 2) welded flanges, joints and connections that are inspected daily?
- Yes ☒ No ☐ N/A ☐
- 3) sealless or magnetic coupling pumps and sealless valves that are inspected daily?
- Yes ☒ No ☐ N/A ☐
- 4) pressurized aboveground piping systems with automatic shut-off devices that are inspected daily?
- Yes ☒ No ☐ N/A ☐
- (725.293i) Until such time as secondary containment is provided, are the following requirements being met for all tank systems:
- 1) For non-enterable underground tanks, has an annual leak test that meets the requirements of 725.291(b)(5) been conducted?
- Yes ☐ No ☐ N/A ☒
- 2) For other than non-enterable underground tanks and ancillary equipment, has an annual leak test, internal inspection or other tank integrity examination by an IRPE been conducted?
- Yes ☐ No ☐ N/A ☒
- 3) Are written records maintained at the facility to document the assessments required under Subsections (i)(1) and (i)(2)?
- Yes ☐ No ☐ N/A ☒
- Note: If a tank system is found to be leaking or unfit for use as a result of a leak test or assessment, the owner/operator must comply with Section 725.296.
- (725.294a) Has the owner/operator placed hazardous wastes or treatment reagents in the tank system that could cause the system to rupture, leak, corrode or otherwise fail?
- Yes ☐ No ☐ N/A ☒
- (725.294b) Do tanks and secondary containment have appropriate controls and practices to prevent spills and overflows including:
- 1) spill prevention controls?
- Yes ☒ No ☐ N/A ☐
- 2) overfill prevention controls?
- Yes ☒ No ☐ N/A ☐
- 3) sufficient freeboard in uncovered tanks?
- Yes ☐ No ☐ N/A ☒
- (725.294c) Note: If a leak or spill has occurred in the tank system, the owner/operator shall comply with the requirements of Section 725.296.

725.295a) Does the owner/operator inspect, if present, at least each operating day, the following:

1) overfill/spill control equipment?

Yes ☒ No ☐ N/A ☐

2) the aboveground portion of the tank system for corrosion or releases?

Yes ☒ No ☐ N/A ☐

3) data from monitoring equipment?

Yes ☒ No ☐ N/A ☐

4) the construction materials and the area immediately surrounding the external portion of the system?

Yes ☒ No ☐ N/A ☐

(725.295b) If the tank system has cathodic protection, is the owner/operator complying with Section 725.295(b) to ensure that they are functioning properly?

Yes ☒ No ☐ N/A ☐

(725.295c) Does the owner/operator document in the operating record, the results of tank inspections as required in Section 725.295(a) and (b)?

Yes ☒ No ☐ N/A ☐

(725.296) If the tank system or secondary containment system has a leak or spill or is unfit for use, has the owner/operator:

a) immediately ceased using; prevented flow or addition of waste and inspected the system to determine the cause of the release?

Yes ☐ No ☐ N/A ☒

b) removed applicable waste from the system within 24 hours of detection?

Yes ☐ No ☐ N/A ☒

c) immediately conducted a visual inspection of the release and taken actions to contain visible releases to the environment, prevented further migration to soils or surface water and removed and properly disposed of any contaminated soil or water?

Yes ☐ No ☐ N/A ☒

(725.296d) d) notified the Agency within 24 hours of detection of release?

Yes ☐ No ☐ N/A ☒

d)3) within 30 days of detection of release, submitted a report to the Agency that complies with the requirements of Section 725.296(d)(3)?

Yes ☐ No ☐ N/A ☒

Note: Notification and reports are not necessary if less than 1 pound of material is spilled and it was immediately contained and cleaned up.

(725.296e) e) repaired the tank system prior to returning the tank system to service in the event that a leak has occurred from the primary tank system into the secondary containment system?

Yes ☐ No ☐ N/A ☒

e)4) provided secondary containment before returning a tank system to service in the event that the release was from a component of a tank system without secondary containment?

Yes ☐ No ☐ N/A ☒

e)4) met the requirements for a new tank system in the event that a component is replaced during repair?

Yes ☐ No ☐ N/A ☒

e)4) provided the entire component with secondary containment prior to being returned to use in the event that a leak has occurred in any portion of a component that is not readily accessible for visual inspection?

Yes ☐ No ☐ N/A ☒

(725.296f) f) In the event that an extensive repair has been conducted in accordance with subsection (e), submitted to the Agency within 7 days after returning the tank system to use, a certification by an IRPE stating that the repaired system is capable of handling hazardous wastes without release for the intended life of the system?

Yes ☐ No ☐ N/A ☒

Note: If the owner/operator does not satisfy the requirements of subsections (e)(2) through (e)(4), the tank system must be closed in accordance with Section 725.297.

(725.297a) At the time of closure of a tank system, has the owner/operator removed or decontaminated all waste residues, contaminated components, contaminated soils and structures and equipment and managed them as hazardous waste [unless Section 721.103(d) applies]?

Yes ☒ No ☐ N/A ☒

(725.297a) Have the closure plan, closure activities, cost estimates for closure and financial responsibility for tank systems met all requirements specified in Subparts G and H?

Yes ☒ No ☐ N/A ☐

(725.297b) If the tank system cannot be "clean" closed, has the owner/operator closed the tank system and performed post-closure care in accordance with the closure and post-closure care requirements that apply to landfills (Section 725.410)?

Yes ☐ No ☐ N/A ☒

Note: Such a tank system is considered a landfill and must meet all of the requirements of landfills specified in Subparts G and H.

(725.298a) Are ignitable or reactive wastes placed in a tank system?

Yes ☐ No ☐ N/A ☒

If "No", skip to Section 725.299.

Is the waste treated, rendered or mixed before or immediately after placement in the tank system so that:

– the resulting waste, mixture or dissolved material is no longer ignitable or reactive?

Yes ☐ No ☐ N/A ☒

– Section 725.117(b) is complied with?

Yes ☐ No ☐ N/A ☒

or

Is the waste accumulated or treated so that it is protected from any material or conditions which may lead to ignition or reaction?

Yes ☐ No ☐ N/A ☒

or

Is the tank used solely for emergencies?

Yes ☐ No ☐ N/A ☒

(725.298b) Is the facility complying with the requirements regarding maintenance of protective distances between the waste management area and any public ways, streets, alleys or any adjoining property line?

Yes ☐ No ☐ N/A ☒

(725.299) Are incompatible wastes/materials placed in the same tank?

Yes ☐ No ☐ N/A ☒

If "No", skip to Section 725.300.

Is Section 725.117(b) being complied with?

Yes ☐ No ☐ N/A ☒

Has the tank system been properly decontaminated if it previously held an incompatible waste/material unless Section 725.117(b) is complied with?

Yes ☐ No ☐ N/A ☒

COMMENTS:

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
722.141(b)	<p>Has the generator who treats, stores or disposes of hazardous waste on-site, filed an annual report with the Agency by March 1 for the preceding calendar year?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p>	722.141(b)
722.142(a)(1)	<p>Section 722.142: Exception Reporting</p> <p>If the generator has not received a copy of the manifest from the TSD facility within 35 days of the date of delivery to the transporter, has the generator contacted the transporter or the TSD facility to determine the status of the hazardous waste?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p>	722.142(a)(1)
722.142(a)(2)	<p>If the generator has not received a copy of the signed manifest within 45 days of the date of delivery to the transporter, has he filed an exception report with the Agency in accordance with the requirements of this Section?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p>	722.142(a)(2)
722.143	<p>Section 722.143: Additional Reporting</p> <p>Has the generator furnished additional reports as required by the Director?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>Subpart E: Exports of Hazardous Waste</p> <p>Is the generator an exporter of hazardous waste?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>If "Yes", has the generator complied with the requirements of Subpart E?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Subpart F: Imports of Hazardous Waste</p> <p>Is the generator an importer of hazardous waste?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>If "Yes", has the generator complied with the requirements of Subpart F?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>Subpart G: Farmers</p> <p>Is the generator a farmer?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>If "Yes", has the generator complied with the requirements of Subpart G?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Comments:</p>	722.143

Regulation	RCRA LDR INSPECTION CHECKLIST (PART 728)	Violation
	Part 728: Land Disposal Restrictions Subpart A: General Section 728.103: Dilution Prohibited as a Substitute for Treatment 728.103(a) Has a person diluted a restricted waste or a treatment residual of a restricted waste as a substitute for adequate treatment? Yes _____ No <u>X</u> N/A _____ Note: Has any person filed for a petition to allow land disposal of wastes prohibited under Subpart C of Part 728? Yes _____ No <u>X</u> N/A _____	728.103(a)
728.104	Section 728.104: Treatment Surface Impoundment Exemption Are wastes that are otherwise prohibited from land disposal under this Part being treated in a surface impoundment that meets the requirements of this Section? Yes _____ No _____ N/A <u>X</u>	728.104
728.107(a)	Section 728.107: Waste Analysis and Recordkeeping Has the generator tested the waste [as specified in 728.107(a)] or used knowledge of the waste to determine if the waste is restricted from land disposal? Yes <u>X</u> No _____ N/A _____	728.107(a)
728.107(a)(1)	If a generator determines that its waste is restricted, has a notice been sent with each shipment that includes the following information: A) USEPA Hazardous Waste Number? Yes <u>X</u> No _____ N/A _____ B) corresponding treatment standards or a reference to the treatment standard by section or applicable treatment code? Yes <u>X</u> No _____ N/A _____ C) manifest number associated with the shipment of waste? Yes <u>X</u> No _____ N/A _____ D) for hazardous debris, the contaminants subject to treatment as provided by Section 728.145(b) and the following statement: "This hazardous debris is subject to the alternative treatment standards of Section 728.145?" Yes <u>X</u> No _____ N/A _____ E) waste analysis data, where available? Yes <u>X</u> No _____ N/A _____	728.107(a)(1)
728.107(a)(2)	Has the generator of a restricted waste that meets the applicable treatment standards submitted, with each shipment, a notice and certification, as specified in this Section, stating that the waste meets applicable treatment standards and can be land disposed without further treatment? Yes _____ No _____ N/A <u>X</u>	728.107(a)(2)
728.107(a)(3)	Has the generator of a restricted waste that has been exempted under Section 728.106 submitted a notice, as specified in this section, with each shipment to the receiving facility, stating that the waste is not prohibited from land disposal? Yes _____ No _____ N/A <u>X</u>	728.107(a)(3)
728.107(a)(4)	Has the generator who treats a prohibited waste in tanks or containers in order to meet the treatment standards developed and followed a waste analysis plan? Yes _____ No _____ N/A <u>X</u> Is the plan on-site? Yes _____ No _____ N/A <u>X</u> Does the plan include a detailed physical and chemical analysis? Yes _____ No _____ N/A <u>X</u> Has the plan been filed with the Agency at least 30 days prior to commencement of the treatment activity? Yes _____ No _____ N/A <u>X</u>	728.107(a)(4)

Regulation	RCRA LDR INSPECTION CHECKLIST (PART 728)	Violation
	Has the generator submitted the required notification and certification that the waste meets treatment standards when the waste is shipped off-site? Yes _____ No _____ N/A <u>X</u>	
728.107(a)(5)	Has the generator who has determined that the waste is restricted based on the generator's knowledge and/or testing of the waste retained all supporting data used to make this determination on-site? Yes _____ No _____ N/A <u>X</u>	728.107(a)(5)
728.107(a)(6)	If a generator determines, subsequent to the time of generation, that the generator is managing a restricted waste which is excluded from the definition of hazardous or solid waste or exempt from RCRA, has a one-time notification stating such generation been placed in the generator's files? Yes _____ No _____ N/A <u>X</u>	728.107(a)(6)
728.107(a)(7)	Does a generator keep on-site a copy of all notices, certifications, demonstrations, waste analysis data and other documentation produced pursuant to this Section for at least five years from the date of the latest shipment? Yes <u>X</u> No _____ N/A _____	728.107(a)(7)
728.107(a)(8)	If a generator is managing a lab pack that contains waste identified in Appendix D of Part 728 and wishes to use the alternative treatment standard under Section 728.142, has the generator submitted a notice and certification to the treatment facility with each shipment in accordance with this subsection? Yes _____ No _____ N/A <u>X</u>	728.107(a)(8)
728.107(a)(9)	If a generator is managing a lab pack that contains organic waste identified in Appendix E of Part 728 and wishes to use the alternative treatment standard, has the generator submitted a notice and certification to the treatment facility with each shipment in accordance with this subsection? Yes _____ No _____ N/A <u>X</u>	728.107(a)(9)
728.107(a)(10)	Has a small-quantity generator with a tolling agreement pursuant to Section 722.120(e) retained on site a copy of the notification and certification of the initial waste shipment together with the tolling agreement for at least 3 years after the termination or expiration of the agreement? Yes _____ No _____ N/A <u>X</u>	728.107(a)(10)
728.107(b)	Has the treatment facility tested its waste according to the frequency specified in its waste analysis plan as required by Sections 724.113 or 725.113 and subsections (b)(1), (b)(2) and (b)(3) of this section? Yes <u>X</u> No _____ N/A _____	728.107(b)
728.107(b)(4)	Has the treatment facility sent a notice to the land disposal facility with each shipment of waste that includes the following information: A) USEPA Hazardous Waste Number? Yes <u>X</u> No _____ N/A _____ B) corresponding treatment standards or a reference to the treatment standard by section or applicable treatment code? Yes <u>X</u> No _____ N/A _____ C) manifest number associated with the shipment of waste? Yes <u>X</u> No _____ N/A _____ D) waste analysis data, where available? Yes <u>X</u> No _____ N/A _____	728.107(b)(4)
728.107(b)(5)	Has the treatment facility submitted a certification, as specified in 728.107(b)(5), with each shipment of hazardous waste or treatment residue to the land disposal facility? Yes <u>X</u> No _____ N/A _____	728.107(b)(5)
728.107(b)(6)	If the waste or treatment residue will be further managed at a different treatment or storage facility, is the treatment facility sending the waste complying with the notice and certification requirements of Section 728.107(a)? Yes <u>X</u> No _____ N/A _____	728.107(b)(6)

Regulation	RCRA LDR INSPECTION CHECKLIST (PART 728)	Violation
728.107(b)(7)	<p>Has the recycling facility that is making off-site shipments of recyclable materials used in a manner constituting disposal:</p> <p>– submitted to the Agency a notice and certification with each shipment in accordance with 728.107(b)(4) and (b)(5)?</p> <p>Yes _____ No _____ N/A <u>X</u></p> <p>– kept records of the name and location of each entity receiving the hazardous waste-derived product?</p> <p>Yes _____ No _____ N/A <u>X</u></p>	728.107(b)(7)
728.107(c)	<p>Has the owner/operator of any land disposal facility disposing of any restricted waste, except where the waste being disposed of is a recyclable material used in a manner constituting disposal:</p> <p>1) maintained copies of the notice and certification specified in subsection 728.107(a) or (b)?</p> <p>Yes _____ No _____ N/A <u>X</u></p> <p>2) tested the waste to ensure that it is in compliance with applicable treatment standards or prohibitions?</p> <p>Yes _____ No _____ N/A <u>X</u></p>	728.107(c)
728.107(c)(4)	<p>Note: If the owner/operator is disposing of any waste that is a recyclable material used in a manner constituting disposal, the owner/operator is not subject to the subsections (c)(1) and (c)(2) with respect to such waste.</p>	
728.107(d)	<p>Has the generator or treater who first claims that their hazardous debris is excluded from the definition of a hazardous waste under Section 728.103(f)(2) provided the following notification and certification:</p> <p>1) a one-time notification submitted to the Agency including the following information:</p> <p>A) the name and address of the RCRA Subtitle D facility receiving the treated debris?</p> <p>Yes _____ No _____ N/A <u>X</u></p> <p>B) a description of the hazardous debris as initially generated including the applicable USEPA hazardous waste number(s)?</p> <p>Yes _____ No _____ N/A <u>X</u></p> <p>C) for debris excluded under Section 728.103(f)(2), the technology from Section 728, Table F?</p> <p>Yes _____ No _____ N/A <u>X</u></p> <p>2) Has the notification been updated if the debris is shipped to a different facility or if a different technology is used to treat the debris?</p> <p>Yes _____ No _____ N/A <u>X</u></p> <p>3) For debris excluded under Section 728.103(f)(2), has the owner/operator of the treatment facility documented and certified compliance with the treatment standards of Section 728, Table F pursuant to this Subsection?</p> <p>Yes _____ No _____ N/A <u>X</u></p>	728.107(d)
728.109(a)	<p>Section 728.109: Special Rules for Characteristic Wastes</p> <p>Has the generator determined each USEPA hazardous waste code applicable to the waste in order to determine the applicable treatment standards under Subpart D?</p> <p>Yes <u>X</u> No _____ N/A _____</p> <p>Note: For purposes of this Part, the waste will carry the waste code for any applicable listing under Part 721, Subpart D and one or more of the waste codes under Part 721, Subpart C where the waste exhibits the relevant characteristic, except in the case when the treatment standard for the Subpart D waste code operates in lieu of the standard for the Subpart C waste code as specified in subsection (b).</p>	728.109(a)
728.109(b)	<p>Does the waste meet the treatment standards for all applicable listed and characteristic waste codes?</p> <p>Yes <u>X</u> No _____ N/A _____</p> <p>Note: Where a prohibited waste is both listed and characteristic, the treatment standard for the listed waste code will operate in lieu of the standard for the characteristic waste code, provided that the treatment standard for the listed waste includes a treatment standard for the constituent that causes the waste to exhibit the characteristic.</p>	728.109(b)

Regulation	RCRA LDR INSPECTION CHECKLIST (PART 728)	Violation
728.109(c)	Has the generator land disposed any prohibited waste which exhibits a characteristic under Part 721, Subpart C only if the waste complies with the treatment standards under Part 728, Subpart D (in addition to any applicable standards determined from the initial point of generation)? Yes _____ No _____ N/A <u>X</u>	728.109(c)
728.109(d)	<p>1) Has the generator sent the required notification and certification to the appropriate Agency for each shipment of waste that no longer exhibits the characteristic to a Subtitle D landfill? Yes <u>X</u> No _____ N/A _____</p> <p>Does the notification include the following information:</p> <p>A) name and address of the non-hazardous waste facility receiving the shipment? Yes <u>X</u> No _____ N/A _____</p> <p>B) description of the waste as initially generated, including USEPA hazardous waste number(s), applicable wastewater or nonwastewater category and the subdivisions made within a waste code based on waste specific criteria (such as D003, reactive cyanides)? Yes <u>X</u> No _____ N/A _____</p> <p>C) treatment standards applicable to the waste at the initial point of generation? Yes <u>X</u> No _____ N/A _____</p> <p>2) Has the certification been signed by an authorized representative and is the language stated as required in Section 728.107(b)(5)(A)? Yes <u>X</u> No _____ N/A _____</p> <p>Subpart C: Prohibition on Land Disposal</p> <p>Section 728.130: Waste Specific Prohibitions -- Solvent Wastes</p> <p>Has the generator of a spent solvent waste (F001 - F005) land disposed the waste only after having:</p> <p>1) met the treatability standards of Part 728, Subpart D; or Yes _____ No _____ N/A <u>X</u></p> <p>2) been granted an exemption from a prohibition pursuant to a petition under Section 728.106; or Yes _____ No _____ N/A <u>X</u></p> <p>3) been granted an extension to the effective date of prohibition pursuant to Section 728.105? Yes _____ No _____ N/A <u>X</u></p> <p>Section 728.131: Waste Specific Prohibitions -- Dioxin-Containing Wastes</p> <p>Has the generator of a dioxin-containing waste (F020, F021, F022, F023, F026, F027 or F028) land disposed the waste only after having:</p> <p>1) met the treatability standards of Part 728, Subpart D; or Yes _____ No _____ N/A <u>X</u></p> <p>2) been granted an exemption from a prohibition pursuant to a petition under Section 728.106; or Yes _____ No _____ N/A <u>X</u></p> <p>3) been granted an extension to the effective date of prohibition pursuant to Section 728.105? Yes _____ No _____ N/A <u>X</u></p> <p>Section 728.132: Waste Specific Prohibitions -- California List Wastes</p> <p>Has the generator of a California List Waste land disposed the waste only after having:</p> <p>1) been granted an adjusted standard from a prohibition pursuant to a petition under Section 728.106 (except for liquid hazardous waste containing PCBs at concentrations greater than or equal to 500 ppm which are not eligible for exemptions; or Yes _____ No _____ N/A <u>X</u></p> <p>2) been granted an extension to the effective date of prohibition pursuant to Section 728.105? Yes _____ No _____ N/A <u>X</u></p> <p>3) met the applicable treatment standards specified in Subpart D or, where treatment standards are not specified, the wastes are in compliance with the applicable prohibitions set forth in this Section or Section 728.139? Yes _____ No _____ N/A <u>X</u></p>	728.109(d)
728.130		728.130
728.131		728.131
728.132		728.132

Regulation	RCRA LDR INSPECTION CHECKLIST (PART 728)	Violation
28.133	Section 728.133: Waste Specific Prohibitions -- First Third Wastes Has the generator of a first third waste land disposed the waste only after having: 1) met the treatability standards of Part 728, Subpart D; or Yes _____ No _____ N/A <u>X</u> 2) been granted an adjusted standard pursuant to Section 728.106; or Yes _____ No _____ N/A <u>X</u> 3) been granted an extension to the effective date of prohibition pursuant to Section 728.105? Yes _____ No _____ N/A <u>X</u>	728.133
728.133(g)	Has the generator of a first third waste tested the waste or used knowledge of the waste to determine whether it exceeds the applicable treatment standards? Yes _____ No _____ N/A <u>X</u>	728.133(g)
728.134	Section 728.134: Waste Specific Prohibitions -- Second Third Wastes Has the generator of a second third waste land disposed the waste only after having: 1) met the treatability standards of Part 728, Subpart D; or Yes _____ No _____ N/A <u>X</u> 2) been granted an extension to the effective date of prohibition pursuant to Section 728.105; or Yes _____ No _____ N/A <u>X</u> 3) been granted an exemption pursuant to Section 728.106? Yes _____ No _____ N/A <u>X</u>	728.134
728.134(i)	Has the generator of a second third hazardous waste tested the waste or used his knowledge of the waste to determine whether it exceeds the applicable treatment standards of 728.141 or 728.143? Yes _____ No _____ N/A <u>X</u>	728.134(i)
728.135	Section 728.135: Waste Specific Prohibitions -- Third Third Wastes Has the generator of a third third waste land disposed the waste only after having: 1) met the treatability standards of Part 728, Subpart D; or Yes _____ No _____ N/A <u>X</u> 2) been granted an exemption from a prohibition pursuant to a petition under Section 728.106; or Yes _____ No _____ N/A <u>X</u> 3) met the applicable alternate standards established pursuant to a petition granted under Section 728.144; or Yes _____ No _____ N/A <u>X</u> 4) been granted an extension to the effective date of a prohibition pursuant to Section 728.105? Yes _____ No _____ N/A <u>X</u>	728.135
728.135(j)	Has the generator of a third third waste listed in 728.110, 728.111 or 728.112 tested the waste or used his knowledge of the waste to determine whether it exceeds the applicable treatment standards of Sections 728.141 or 728.143? Yes _____ No _____ N/A <u>X</u>	728.135(j)
728.139	Section 728.139: Statutory Prohibitions Has a person caused, threatened or allowed the land disposal of any waste in violation of Section 3004 of RCRA? Yes _____ No _____ N/A <u>X</u>	728.139
728.150(a)(1)	Subpart E: Prohibitions on Storage Note: Except as provided in this section, the storage of hazardous wastes restricted from land disposal under Subpart C is prohibited. Section 728.150: Prohibitions on Storage of Restricted Wastes Has the generator stored restricted wastes in tanks or containers on-site solely for the accumulation of such quantities as necessary to facilitate proper recovery, treatment or disposal? Yes <u>X</u> No _____ N/A _____ Has the generator complied with the requirements of Section 722.134? Yes <u>X</u> No _____ N/A _____	728.150(a)(1)

Regulation	RCRA LDR INSPECTION CHECKLIST (PART 728)	Violation
	<p>Note: A generator in existence on the effective date of regulation under this Part and who must store hazardous wastes for more than 90 days due to regulations under this Part becomes a TSD and must obtain a RCRA permit.</p>	
728.150(a)(2)	<p>Has the owner/operator of a TSD stored restricted wastes in tanks or containers solely for the accumulation of such quantities of hazardous waste to facilitate proper recovery, treatment or disposal?</p> <p>Yes <u>✓</u> No _____ N/A _____</p> <p>If yes, has the owner/operator:</p> <p>A) clearly marked each container to identify its contents and the accumulation start date?</p> <p>Yes <u>✓</u> No _____ N/A _____</p> <p>B) clearly marked each tank to identify its contents, recorded the quantity of each hazardous waste received and indicated the accumulation start date, all in accordance with the operating record requirements of 724.173 or 725.173?</p> <p>Yes <u>✓</u> No _____ N/A _____</p>	728.150(a)(2)
728.150(a)(3)	<p>Has the transporter stored manifested shipments of such wastes at a transfer facility for 10 days or less?</p> <p>Yes <u>✓</u> No _____ N/A _____</p>	728.150(a)(3)
728.150(b)	<p>Has the owner/operator of a TSD stored restricted wastes up to one year solely for accumulation of such quantities of hazardous waste as necessary to facilitate proper recovery, treatment or disposal?</p> <p>Yes _____ No _____ N/A <u>✓</u></p>	728.150(b)
728.150(c)	<p>Has the owner/operator of a TSD who has stored such wastes beyond one year proved that such storage was solely for the accumulation of such quantities of hazardous waste to facilitate proper recovery, treatment or disposal?</p> <p>Yes _____ No _____ N/A <u>✓</u></p> <p>Note: If a generator's waste is exempt from a prohibition on the type of land disposal utilized for the waste (e.g. case-by-case extension, incorporated by reference or an approved petition) the prohibition in subsection (a) does not apply during the period of such exemption.</p> <p>Note: The prohibition in subsection (a) does not apply to hazardous wastes that meet the treatment standards (728.141, 728.142 and 728.143) or the adjusted treatment standards (728.144) or where the treatment standards have not been specified, is in compliance with the applicable prohibitions in 728.132 or 728.139.</p>	728.150(c)
728.150(f)	<p>Have liquid hazardous wastes containing PCBs at concentrations greater than 50 ppm been stored at a facility that meets the requirements of 40 CFR 261.65(b) and have they been removed from storage and treated or disposed as required by this Part within one year of the date when such wastes were first placed into storage?</p> <p>Yes _____ No _____ N/A <u>✓</u></p> <p>Note: The provisions of subsection (c) do not apply to such PCB wastes prohibited under Section 728.132.</p> <p>COMMENTS:</p>	728.150(f)

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	<i>Section I : Containers</i>	<i>Compliance</i>
B.	Waste Analysis	Yes
C.	Condition of Containers	Yes
D.	Compatibility of Waste with Containers	Yes
E.	Management of Containers	Yes
F.	Inspections	Yes
G.	Containment	Yes
H.	Special Requirements for Reactive and Ignitable Waste	Yes
I.	Special Requirements for Incompatible Waste	Yes
J.	General Operating Requirements	Yes
K.	General Construction Requirements	Yes
L.	Closure	Yes
	Comments	

	<i>Section II: Tank Systems</i>	<i>Compliance</i>
B.	Waste Identification	Yes
C.	Containment	Yes
D.	General Construction Requirements	Yes
E.	General Operating Requirements	Yes
F.	Tank System Certification	Yes
G.	Response to Leaks and Spills	Yes
H.	Inspections	Yes

I.	Reporting and Recordkeeping	Yes
J.	Special Requirements for Ignitable or Reactive Wastes	Yes
K.	Special Requirements for Incompatible Wastes	Yes
L.	Closure	Yes
	Comments	

	<i>Section VI: Standard Conditions</i>	<i>Compliance</i>
	General Requirements	Yes
	General Facility Standards	Yes
	Preparedness and Prevention	Yes
	Contingency Plan	Yes
	Manifest System and Recording and Recordkeeping	Yes
	Land Disposal Restrictions	Yes
	Closure	Yes
	Comments	

Facility Name: CLEAN HARBORS
 ISEPA #: IL D000608471
 EPA #: 0316000051

WASTE DISPOSITION FORM

Waste Name (include haz & waste for which no determination has been made)	Generating Process (For waste gen. on site. N/A for TSD)	Date of Last Analysis	USEPA Haz Waste #			On Annual Report for: (Circle if present; cross out if not present)			Amount on Site	Rate of Generation	Last Manifested Shipment	Disposition
			• On 8700-12	• On 3510-3	• 1997	• 1996	• 1995					
WASTE FLAM. Liquid	FUEL BLENDING	EACH SHIP MENT	D001 U359	Y	Y	(G)	(G)	(G)	120,000 GALS	10,000gal DAY	3/25/98	ESSROC MATERIALS LOGANSPOET, IN CEMENT KILN
HAZARDOUS WASTE SOLID	SPENT CARBON ABSORPTION FILTER		NUMEROUS			(G)	(G)	(G)	40yd ³	VARIES	8/20/97	CALBON CATELETT'S BURY, KY REGENERATION
WASTE FLAMMABLE LIQUID	LEAN WATER		U359 D001 NUMEROUS	Y	Y	(G)	(G)	(G)	10,000 9AL	30,000 9AL MO	3/19/98	CLEAN HARBORS KIMBALL NE. INCINERATION
WASTE FLAMMABLE LIQUID	LEAN WATER		D001 FOO3 NUMEROUS	Y	Y	(G)	(G)	(G)	5,000 9AL	5,000gal MO	3/6/98	CLEAN HARBORS BALTIMORE MD TREATMENT
WASTE FLAMMABLE SOLID	OFF-SITE CUSTOMERS		FOO2 NUMEROUS	Y	Y	(G)	(G)	(G)	20yd ³	40yd ³ WEEK	3/25/98	CLEAN HARBOR KIMBALL NE. INCINERATION
SPENT LEAD ACID BATTERIES	OFF SITE CUSTOMERS		D002 D002 NUMEROUS	Y	Y	(G)	(G)	(G)	5,000 lbs	20,000 lbs MONTH	2/26/98	NOVA PB INC Quebec, CANADA LEAD SMELTING
WASTE CORROSIVE LIQUID	OFF SITE CUSTOMERS		D002 NUMEROUS	Y	Y	(G)	(G)	(G)	1,000 9AL	3,370 9AL MONTH	3/18/98	STABLEX QUEBEC, CANADA TREATMENT
HAZARDOUS WASTE LIQUID			D007 NUMEROUS	Y	Y	(G)	(G)	(G)	500 9AL	500gal MONTH		
HAZARDOUS WASTE LIQUID			D009 NUMEROUS	Y	Y	(G)	(G)	(G)	300 9AL	500gal MONTH		

* All "NO" responses must be explained in narrative.

WASTE DISPOSITION FORM

• All "NO" responses must be explained in narrative.

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Clean Harbors current activities include the storage and treatment of aqueous-based waste streams, fuel blending, and the storage, consolidation, and transfer of containerized hazardous and nonhazardous wastes including lab packs. Clean Harbors treats the aqueous waste streams in an on site waste water treatment system.

Hazardous Wastes generated by Clean Harbors are as follows:

Waste Flammable Liquids EPA H.W. Codes D001, U359 Numerous Wastes Codes generated from the fuel blending process at the rate of 10,000 gallons per day. The waste is stored in tanks and is shipped to ESSROC Materials in Logansport, IND. for use as cement kiln fuel. At the time of inspection, there were 120,000 gallons of this waste on site.

Hazardous Waste Solids EPA H.W. Codes D001, U009 Numerous Waste Codes generated from the carbon absorption units at varying rates. The waste is stored in containers and is shipped to Calgon of Catlettsburg Ky. for regeneration. At the time of inspection there were 40 cubic yards of this waste on site.

Waste Flammable Liquid EPA H.W. Codes F003, Numerous Waste Codes generated from off site customers as lean water at the rate of 5,000 gallons per day. The waste is stored in tanks and is shipped to Clean Harbors Baltimore, MD. for treatment and discharge to the local POTW. At the time of inspection there were 5,000 gallons of this waste on site.

Waste Flammable Liquid EPA H.W. Codes D001, U359 Numerous Waste Codes generated from off site customers as lean water at the rate of 30,000 gallons per day. The waste is shipped to Clean Harbors Kimball NE. for incineration. At the time of inspection there were 5, 000 gallons of this waste on site.

Waste Flammable Solids EPA H.W. Codes F002 Numerous Waste Codes generated from off site customers as hazardous waste debris at the rate of 40 cubic yards per week. The waste is shipped to Clean Harbors Kimball NE. for incineration. At the time of inspection there were 20 cubic yards of this waste on site.

Spent Lead Acid Batteries EPA H.W. Codes D002, D008, Numerous Waste Codes generated from off site customers at the rate of 20,000 lbs. per month the waste is shipped to Nova Inc. for smelting. At the time of inspection there were 15, 000 lbs. of this waste on site.

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Waste Corrosive Liquid EPA H.W. Codes D002, D008 Numerous Waste Codes generated from spent lead acid batteries at the rate of 3,370 gallons per month the waste is exported to Stablex of Canada for stabilization and landfilling. At the time of inspection there were 1,000 gallons of this waste on site.

Hazardous Waste Liquid (Chrome) EPA H. W. Codes D007, Numerous Waste Codes generated from off site customers at the rate of 500 gallons per month the waste is exported to Stablex of Quebec Canada for stabilization and landfilling. At the time of inspection there were 500 gallons of this waste on site.

Hazardous Waste Liquid (Mercury) EPA H.W.Codes D009, Numerous Waste Codes generated from off site customers at the rate of 500 gallons per month the waste is shipped to Stablex of Quebec, Canada for stabilization and landfilling. At the time of inspection there were 500 gallons of this waste on site.

Nonhazardous Wastes generated by Clean Harbors are as follows:

Waste Water Treatment Sludge generated from the waste water treatment system at the rate of 10,000 cubic yards per year. The waste is shipped to County Environmental Landfill Pontiac, IL. landfilling. The waste is stored in containers and at the time of inspection there were 44 cubic yards of this waste on site.

RCRA Empty Drums generated from the fuel blending process at the rate of 18 cubic yards per day. The waste is shipped to County Environmental Landfill. The waste is stored in containers and at the time of inspection there were 18 cubic yards of this waste on site.

Nonhazardous Waste Liquid (Nickel) generated by off site customers at the rate of 200 gallons per month. The waste is shipped to Stablex of Quebec, Canada for stabilization and landfilling.

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Hazardous Waste Management Units are described as follows:

S01 Units have diked coated concrete for Secondary Containment and they are permitted to receive all of the waste listed in attachment A of the Part B Permit. The S01 Units have the following capacities:

<i>Outside Container Storage Area Unit R1 is divided into the following bays:</i>	<i>Capacity</i>
Staging Area	80 drums
Flammable Storage Area #1	160 drums
Flammable Storage Area # 2	160 drums
Oxidizer Storage Area #1	96 drums
Reactivities Storage Area #1	96 drums
Poisons Storage Area #1	96 drums
Lab Pack Pour Off Area Unit F1	8 drums
Bulk Container Storage Unit Q1	90 cubic yards
Truck Unloading and Bulking Area Unit Q	21, 000 gallons
<i>Container Storage Building Unit 25 is divided into the following Bays:</i>	
Alkaline / Poisons	336 drums
Acids	288 drums
PCBs / Poisons	128 drums
Ignitable Management Building Unit 26	192 drums
Container Handling Dock Unit 61	160 drums
Bulk Solids Storage Unit B	6 roll off boxes
Truck Staging Area Unit C	6 trucks
Truck Staging Area Unit 59	3 trucks

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<i>Truck Unloading Platform Unit 15</i>	4 trucks
<i>Truck Pad unit 62</i>	4 trucks
<i>Rail Car Unloading Area Unit 14</i>	60, 000 gallons

The following S02 Units have individual coated concrete vaults for secondary containment and they are permitted to receive all of the wastes listed in attachment A of the Part B permit. The S02 units have the following capacities:

<i>Hazardous Waste Fuel Blending Operation Unit 43</i>	<i>Capacity</i>
Tank Number 161-21	12,800 gallons
Tank Number 161-22	275 gallons
<i>Flammable Tank Storage Farm Tank 158 is composed of the following Units: TK-103, TK 104, TK - 105, TK - 109</i>	12,800 gallons
<i>Tank 159 is composed of the following unit: TK - 112</i>	19,600 Gallons
<i>Tank 177 is composed of the following units: TK- 101 and TK - 107</i>	12, 800 gallons
<i>Tank 180 is composed of the following Unit: TK - 102</i>	12,800 gallons
<i>Tank 183 is composed of the following Unit: TK - 110</i>	12, 800 gallons
<i>Listed Waste Storage Tanks Unit Y is composed of six Storage Tanks: TK - 121</i>	11, 025 gallons
<i>Listed Hazardous Waste Treatment Tanks Unit Z</i>	
Tank 123	13, 570 gallons
Tank 137	1, 200 gallons

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Tank 138	4,100 gallons
Tank 142	1, 270 gallons
Tank 149	450 gallons
Tank 150	3, 700 gallons
Tank 152	1, 330 gallons
Tank 153	2, 640 gallons

Notes and Observations:

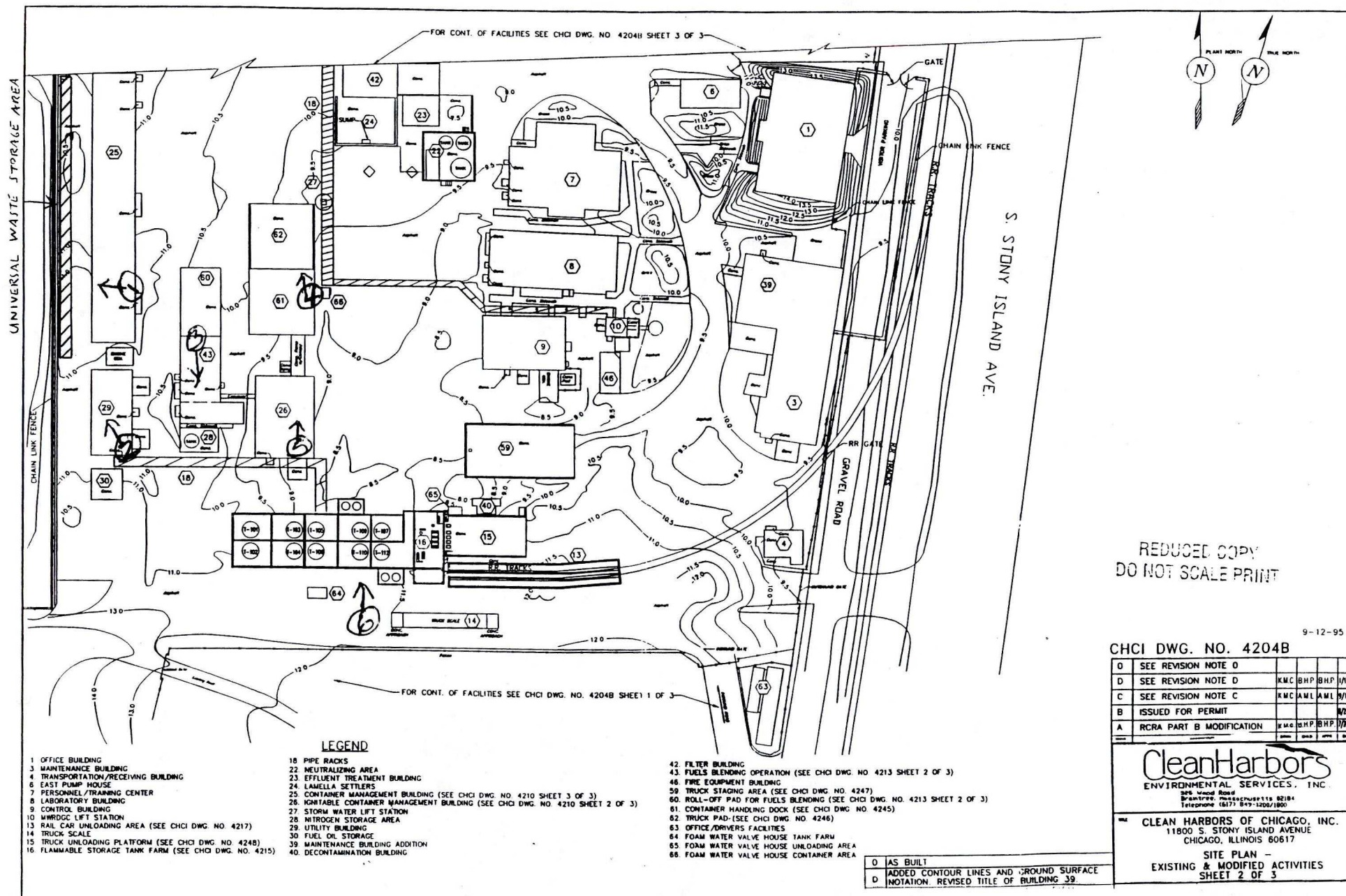
Clean Harbors has completed the construction of the nonhazardous liquid (sludgy) waste mixing tub. The tub sits on a coated concrete pad with concrete curbs, the pad is sloped and has a sump for secondary containment. The tub is constructed of steel and has and has a roll off box positioned in front of it. The roll off sits on steel plates which protect the underlying coating.

The facility has also completed the construction of the loading and unloading dock (Unit V) and the Drum Storage Expansion Unit R2. These units have diked coated concrete with sumps for secondary containment.

At the time of inspection, Clean Harbors appeared to be operating in general compliance with the Act, the Regulations, its Part B Permit, and Consent Decree.

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CLEAN HARBORS
ILD 000608 471

Indicates
DIRECTION OF PHOTOS



Illinois Environmental Protection Agency
Division of Land Pollution Control

RCRA INSPECTION REPORT

USEPA #: IL D000608471	IEPA #: 0316000051
Facility Name: CLEAN HARBORS	Phone #: 773/646-6202
Street Address: 11800 S. STONY ISLAND AVE	County: COOK
City: CHICAGO	State: IL Zip: 60617
Region: MAYWOOD	Inspection Date: 9/29/97 From: 9:30 AM To: 12:00 PM
Weather:	

TYPE OF FACILITY

Notified As: G, T, S	Regulated As: G, T, S
LDF? NO HPV? (Yes or No)	90-Day F/U Required?: YES

TYPE OF INSPECTION

CEI: <input checked="" type="checkbox"/>	Sampling: <input type="checkbox"/>	Citizen Complaint: <input type="checkbox"/>	Closed: <input type="checkbox"/>	Other: <input type="checkbox"/>
CME/O&M: <input type="checkbox"/>	Record Review: <input type="checkbox"/>	Follow-Up to Inspection of: <input type="checkbox"/>	Withdrawal: <input type="checkbox"/>	

NON-REGULATED STATUS NA

SQG: <input type="checkbox"/>	Claimed Nonhandler: <input type="checkbox"/>	Other (Specify in Narrative): <input type="checkbox"/>
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PART A

Notification Date: 1/29/89, from (initial) or (subsequent) Notification.
Initial Part A Date: ___/___/___ Amended: 2/14/92
Part A Withdrawal requested: ___/___/___ Approved by (US)(IL) EPA: ___/___/___

PART B PERMIT APPLICATION

Part B Permit Submitted: (Y) or N ___/___/___	Final Permit Issued: 10/24/94
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ENFORCEMENT

Has the firm been referred to --	USEPA: Y or (N) ___/___/___
Illinois Attorney General: Y or (N) ___/___/___	County State's Attorney: Y or (N) ___/___/___

ORDERS ISSUED

CACO: ___/___/___	CAFO: ___/___/___	Consent Decree: ___/___/___
Federal Court Order: ___/___/___	State Court Order: ___/___/___	PCB Order: ___/___/___

TSD FACILITY ACTIVITY SUMMARY

Activity by Process Code	On Part A?	Activity Conducted Prior to 1980?	Was Activity Ever Done?	Closed	Being done at Time of Insp?	Exempt per 35 IAC. Sec.	On Annual Report		
							1996	1995	1994
S01	Y	Y	Y	N	Y	NA	Y	Y	Y
S02	↓	↓	↓	↓	↓	NA	↓	↓	↓
T01	↓	↓	↓	↓	↓	NA	↓	↓	↓
T04	↓	↓	↓	↓	↓	NA	↓	↓	↓

OWNER**OPERATOR**

Name	CLEAN HARBOR	Name	CLEAN HARBORS
Address	1200 CROWN COLONY	Address	11800 S. STONY ISLAND
City	QUINCY	City	CHICAGO
State	MA	State	IL
Zip	22269	Zip	60617
Phone #	617/849-1800	Phone #	773/646-6202

PERSON(S) INTERVIEWED**TITLE****PHONE #**

JIM LAUBSTED	COMPLIANCE MANAGER	773/646-6202

INSPECTION PARTICIPANT(S)**AGENCY/TITLE****PHONE #**

AARON TAYLOR	IEPA / EPS	708/338-7900

PREPARED BY**AGENCY/TITLE****PHONE #**

AARON TAYLOR	IEPA / EPS	708/338-7900
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SUMMARY OF APPARENT VIOLATIONS

Area	Class	Section

Area	Class	Section

Area	Class	Section

Facility Name: CLEAN HARBORS
 USEPA #: IL D000608471
 IEPA #: 0316000051

WASTE DISPOSITION FORM

Waste Name (include haz & waste for which no determination has been made)	Generating Process (For waste gen. on site. N/A for TSD)	Date of Last Analysis	USEPA Haz Waste #			On Annual Report for: (Circle if present; cross out if not present)			Amount on Site	Rate of Generation	Last Manifested Shipment	Disposition	
			• On 8700-12	• On 3510-3	• 19	• 19	• 19						
WASTE FLAMMABLE LIQUID	FUEL BLENDING	EACH SHIPMENT	D001 4359 NUMEROUS			G	F	G	F	40,000 gals	200,000 gal/MO	9/29/97	ESSROC MATERIALS LOGANSPOET, IN. CEMENT KILN FUEL
HAZARDOUS WASTE SOLIDS	SPENT FILTERS FROM CARBON ADSORPTION UNITS		D001 4009 NUMEROUS			G	F	G	F	IN PROCESS	20 yd ³ /mo	9/19/97	CALCON CATELETTSBURG, KY REGENERATION
WASTE FLAM. LIQUID	OFF-SITE CUSTOMERS		D001 F003 NUMEROUS			G	F	G	F	10,000 gals	20,000 gals/MO		CLEAN HARBORS BALTIMORE TREATMENT
WASTE FLAM. LIQUID	OFF-SITE CUSTOMERS		U239 NUMEROUS			G	F	G	F	10,000 gals	80,000 gal/MO		CLEAN HARBOR KIMBALL, NEB. INCINERATION
	CLEAN WATER					G	F	G	F				
LEAD ACID BATTERIES	OFF-SITE CUSTOMERS		D002 D008 NUMEROUS			G	F	G	F	5,000 lbs	5500 lbs/MO		NOVA INC (CANADA) LEAD SMELTER
WASTE CORROSIVE LIQUID	OFF SITE CUSTOMERS		D002 NUMEROUS			G	F	G	F	40 drums	150 drums/MO		STABLEX (CANADA) TREATMENT & LANDFILL
W/W TREATMENT SLUDGE	W/W TREATMENT		NON HAZ			G	F	G	F	40 yd ³	900 yd ³ /M		CORUNTY ENVIRONMENTAL LANDFILL
USED OIL	OILY W/W TREATMENT					G	F	G	F	5,000 gals	48,000 gal/WK		SAFETY KLEEN RECYCLED
USED MINERAL SPIRITS	PARTS CLEANER					G	F	G	F	IN PROCESS	24 gals/6 mos.	✓	CUSTOM BLENDED OILS RECYCLED

* All "NO" responses must be explained in narrative.

Facility Name	CLEAN HARBORS
USEPA #: IL	0000608471
IEPA #:	0316000051

● WASTE DISPOSITION FORM

Waste Name (include haz & waste for which no determination has been made)	Generating Process (For waste gen. on site. N/A for TSD)	Date of Last Analysis	USEPA Haz Waste #			On Annual Report for: (Circle if present; Cross out if not present)	Amount on Site	Rate of Generation	Last Manifested Shipment	Disposition		
			• On 8700-12	• On 3510-3	• 19							
RCRA EMPTY DRUMS	FUEL BLENDING	EACH SHIPMENT	NON HAZ			G	G	G	20 yd ³	60 yd ³ /mo	↓	COUNTY ENVIRONMENTAL LANDFILL
						G	G	G				
						F	F	F				
						G	G	G				
						F	F	F				
						G	G	G				
						F	F	F				
						G	G	G				
						F	F	F				
						G	G	G				
						F	F	F				
						G	G	G				
						F	F	F				
						G	G	G				
						F	F	F				
						G	G	G				
						F	F	F				

• All "NO" responses must be explained in narrative.

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Clean Harbors
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Narrative
Prepared by
Aaron Taylor

RECEIVED
NOV 13 1997
EPA-DLPC

Clean Harbors current activities include the storage and treatment of aqueous-based waste streams, fuel blending, and the storage, consolidation, and transfer of containerized hazardous and nonhazardous wastes including lab packs. Clean Harbors treats the aqueous waste streams in an on site wastewater treatment system.

Hazardous wastes generated by Clean Harbors are as follows:

Waste flammable liquids EPA H.W. # D001, U359, numerous waste codes, generated from the fuel blending process at the rate of 200,000 gallons per month. This waste is sent to ESSROC Materials, Logansport, IN. where it is used as cement kiln fuel. The waste is stored in tanks and at the time of inspection there were 200,000 gallons of this waste on site.

Hazardous waste solids EPA H.W. # D001, U009, numerous waste codes, generated from the carbon adsorption units at the rate of 20 cubic yards per month. The filters are in process until they are sent to Calgon Carbon Corporation of Catelettsburg, Ky.

Waste flammable liquid EPA H.W. # F003, numerous waste codes, generated from off site customers at the rate of 20, 000 gallons per month. The waste is sent to Clean Harbors of Baltimore for treatment and discharge to the local POTW. The waste is stored in containers and at the time of inspection there were 10, 000 gallons of waste on site.

Waste flammable liquid EPA H.W. # D001, U239, numerous waste codes, generated from off site customers as lean water at the rate of 80,000 gallons per month. The waste is shipped to Clean Harbors of Kimball, Neb. for incineration. The waste is stored in containers and at the time of inspection there were 10, 000 gallons of this waste on site.

Lead acid batteries EPA H.W. # D002, D008, numerous waste codes, generated at the rate of 5,500 lbs. per month from off site customers. The waste is exported to Nova Inc. of Canada for lead smelting.

Waste corrosive liquid EPA H.W. # D002, numerous waste codes, generated from off

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site customers lead acid batteries at the rate of 150 drums per month. The waste is exported to Stablex of Canada where it is treated and landfilled. The waste is stored in containers and at the time of inspection there were 40 drums of this waste on site.

Nonhazardous wastes generated by Clean Harbors are as follows:

Wastewater treatment sludge generated from the wastewater treatment plant at the rate of 900 cubic yards per month. The waste is sent to County Environmental Landfill. The waste is stored in containers and at the time of inspection there were 40 cubic yards of this waste on site.

Used oil generated from separation of oil from wastewater at the rate of 48,000 gallons per week and it is shipped to Safety Kleen of Dolton, Il. for recycling. The waste is stored in tanks and at the time of inspection there were 5,000 gallons of waste on site.

RCRA empty drums generated from the fuel blending process at the rate of 60 cubic yards per month. The waste is shipped to County Environmental Landfill. The waste is stored in containers and at the time of inspection there were 20 cubic yards of this waste on site.

Used mineral sprits generated from parts cleaning at the rate of 24 gallons per six month cycle. The waste is in process until it is shipped to Custom Blended Fuels for recycling. Clean Harbors has moved its vehicle maintenance facility off site and this is the last time this waste stream will be generated.

Hazardous Waste Units are described below:

The follwing S01 units are active and permitted to receive all of the waste codes listed in attachment A of the Part B Permit. These S01 Units all have diked, coated concrete for secondary containment and the following capacities:

Outside Container Storage Area (Unit R1)

This container storage unit is divided into the following bays:

Staging Area	80 drums
Flammable Storage Area #1	160 drums
Flammable Storage Area #2	160 drums
Oxidizer Storage Area # 1	96 drums
Reactivies Storage Area # 1	96 drums
Poisons Storage Area #1	96 drums

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Lab Pack Pour -Off Area (Unit F1)

8 drums

Bulk Container Storage Area (Unit Q1)

90 cubic yards

Truck Unloading and Bulking Area (Unit Q)

21,000 gallons

Container Storage Building (Unit 25)

This S01 Unit is divided into the following bays:

Alkaline / Poisons	336 drums
Acids	288 drums
PCBs / Poisons	128 drums

Ignitable Container Management Building (Unit 26)

192 drums

Container Handling Dock (Unit 61)

160 drums

Bulk Solids Storage (Unit B)

6 roll off boxes

Truck Staging Area (Unit C)

6 trucks

Truck Staging Area (Unit 59)

3 trucks

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Truck Unloading Platform (Unit 15)

4 trucks

Truck Pad (Unit 62)

4 trucks

Rail Car Unloading Area (Unit 14)

60,000 gallons

The following S02 units are active and permitted to store all of the waste codes listed in attachment A of the Part B Permit. These units all have individual coated concrete vaults for secondary containment and the following capacities:

Hazardous Waste Fuel Blending Operation (Unit 43)

Tank Number 161-21	1, 225 gallons
Tank Number 161-22	275 gallons

Flammable Tank Storage Farm (Unit 16)

Tank 158 is composed of the following five units: TK-103, TK-104, TK-105, TK-106, TK-109	Maximum Capacity 12, 800 gallons
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Tank 159 is composed of the following unit : TK-112	Maximum Capacity 19, 600 gallons
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Tank 177 is composed of the following two units: TK-101, TK-107	Maximum Capacity 12, 800 gallons
--	-------------------------------------

Tank 180 is composed of the following unit : TK-102	Maximum Capacity 12,800 gallons
--	------------------------------------

Tank 180 is composed of the following unit : TK-110	Maximum Capacity 12,800 gallons
--	------------------------------------

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Listed Waste Storage Tanks (Unit Y)

Tank 121 is composed of six storage tanks
Maximum Capacity 11,025 gallons

Tank 155 is composed of two storage tanks
Maximum Capacity 11, 025 gallons

Listed Waste Treatment Tanks (Unit Z)

Tank 123	13, 570 gallons
Tank 137	1, 200 gallons
Tank 138	4, 100 gallons
Tank 142	1, 270 gallons
Tank 149	450 gallons
Tank 150	3, 770 gallons
Tank 152	1, 330 gallons
Tank 153	2, 640 gallons

Notes and Observations:

Clean Harbors has implemented its contingency plan several times since the last inspection in response to on site emergencies. The plan has not failed. The Contineny plan has been modified to included the *999 emergency phone number for on site celluar phones. The facility had a manifest discrepancy which was handled in accordance with the applicable regulations and the facility's Part B Permit. The facility is still awaiting USEPA approval to dismantle the old CWM incinerator.

List of Violations:

At the time of inspection the facility appeared to be operating in accord with the Act, the regulations, the facility's Part B Permit, and the Consent Decree.

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Part B Permit Inspection

Section I : Containers

Compliance

B. Waste Identification	Yes	
C. Condition of Containers	Yes	
D. Compatibility of Waste with Container		Yes
E. Management of Containers	Yes	
F. Inspections	Yes	
G. Containment	Yes	
H. Special Requirements for Reactive and Ignitable Waste	Yes	
J. General Operating Requirements	Yes	
K. General Construction Requirements	Yes	
L. Closure	Yes	

Comments:

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Section II: Tank Systems

Compliance

B. Waste Identification	Yes	
C. Containment and Detection of releases	Yes	
D. General Construction Requirements	Yes	
E. General Operating Requirements	Yes	
F. Tank System Certification	Yes	
G. Response to leaks and spills	Yes	
H. Inspections	Yes	
I. Reporting and Recordkeeping Requirement	Yes	
J. Special Requirement for Ignitable and Reactive Waste	Yes	
K. Special Requirement for Incompatible Waste		Yes
L. Closure	Yes	

Comments:

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Section VI: Standard Conditions

Compliance

General Requirements	Yes
General Facility Standards	Yes
Preparedness and Prevention	Yes
Contingency Plan	Yes
Manifest System Recording and Recordkeeping	Yes
Closure	Yes
Land Disposal Restrictions	Yes

Comments:

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
	Part 722: Standards Applicable to Generators of Hazardous Waste (>1000 Kg/mo.)	
	Subpart A: General	
	Section 722.111: Hazardous Waste Determination	
722.111	Has the generator correctly determined if the solid waste(s) it generates is a hazardous waste? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.111
	Have hazardous wastes been identified for purposes of compliance with Part 728? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
808.121(a)	Has the generator correctly determined if the solid waste(s) it generates is a special waste? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	808.121(a)
	Section 722.112: USEPA Identification Numbers	
722.112(a)	Has the generator obtained a USEPA identification number? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.112(a)
722.112(c)	Has the generator offered its hazardous waste only to transporters or to treatment, storage or disposal facilities that have a USEPA identification number? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.112(c)
	Subpart B: The Manifest	
	Section 722.120: General Requirements	
722.120(a)	Does the facility manifest its waste off-site? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.120(a)
722.120(b)	Does the manifest designate a facility permitted to handle the waste? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.120(b)
722.120(d)	Has the generator shipped any waste that could not be delivered to the designated facility? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.120(d)
	Section 722.121: Acquisition of Manifests	
	Has the generator used:	
722.121(a)	- an Illinois manifest for wastes designated to a facility within Illinois? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.121(a)
722.121(b)	- a manifest from the State to which the manifest is designated? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.121(b)
	- an Illinois manifest if the State to which the waste is designated has no manifest of its own? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
	Section 722.122: Number of Copies	
722.122	Does the manifest consist of at least 6 copies? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.122
	Section 722.123: Use of the Manifest	
	For each manifest reviewed, has the generator:	
722.123(a)	- signed the certificate by hand? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.123(a)
	- obtained the handwritten signature and the date of acceptance by the initial transporter? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
	- retained one copy as required by Section 722.140(a)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
	- apparently sent a copy (part 5 for the Illinois manifest) to the Agency within 2 working days? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
722.123(b)	- has the generator apparently given the remaining copies to the transporter? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.123(b)

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
722.123(c)	<p>– has the generator followed the procedures prescribed in Section 722.123 for manifesting bulk shipments of hazardous waste by rail or water?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Subpart C: Pre-Transport Requirements</p> <p>Is there any hazardous waste ready for transport off-site?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>If so, is the generator complying with the pre-transport requirements in Subpart C?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>Section 722.134: Accumulation Time</p>	722.123(c)
722.134(a)	<p>Has the generator complied with the following requirements:</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p>	722.134(a)
722.134(a)(1)	<p>A) For waste in containers, has the generator complied with the requirements of Part 725, Subpart I?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>and/or</p> <p>B) For waste in tanks, has the generator complied with the requirements of Part 725, Subpart J (except Sections 725.297(c) and 725.300)?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>and/or</p> <p>C) For waste on drip pads, has the generator complied with the requirements of Part 725, Subpart W and maintained the required records identified in this subsection?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>and/or</p> <p>D) For waste in containment buildings, has the generator complied with Part 725, Subpart DD and maintained the required records identified in this subsection?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p>	
722.134(a)(2)	<p>For waste in containers, has the generator marked and made visible for inspection on each container, the date upon which accumulation began?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p>	
722.134(a)(3)	<p>For waste in containers and tanks, has the generator marked or labeled each with the words "Hazardous Waste"?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p>	
722.134(a)(4)	<p>Has the generator complied with the requirements of Part 725, Subparts C and D, and Sections 725.116 and 728.107(a)(4)?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>Specifically, the requirements of items 1 and/or 4 above (listed by regulation) which need to be complied with are as follows:</p> <p>Does the facility accumulate hazardous waste in containers?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>If "No", go to Subpart J.</p>	

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
(728.107a4)	Section 728.107: Waste Analysis and Recordkeeping Has the generator who treats a prohibited waste in tanks or containers in order to meet the treatment standards developed and followed a waste analysis plan? Yes <input checked="" type="checkbox"/> / No <input type="checkbox"/> N/A <input type="checkbox"/> Is the plan on-site? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Does the plan include a detailed physical and chemical analysis? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Has the plan been filed with the Agency at least 30 days prior to commencement of treatment activity? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Has the generator submitted the required notification and certification that the waste meets treatment standards when the waste is shipped off-site? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
722.134(c)	Subsection 722.134(c): Satellite Accumulation Is the generator who accumulates hazardous waste at or near any point of generation where wastes initially accumulate and which is under the control of the operator of the process generating the waste limiting such accumulation to 55 gallons of hazardous waste or 1 quart of <u>acutely</u> hazardous waste marking the containers with the words "Hazardous Waste" or other words identifying the contents? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Has the generator who accumulates more than 55 gallons of hazardous waste or 1 quart of <u>acutely</u> hazardous waste complied with the requirements of Section 722.134(a) within 3 working days? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> If there are more than 55 gallons of hazardous waste or 1 quart of <u>acutely</u> hazardous waste in the satellite accumulation area, are the containers marked with the date accumulation began? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> During the 3 day period, is the generator continuing to comply with the requirements of Section 722.134(c)(1) with respect to the excess waste? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	722.134(c)
722.140(a)	Subpart D: Recordkeeping and Reporting Section 722.140: Recordkeeping Has the generator retained for a period of 3 years: - a copy of each signed manifest? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.140(a)
722.140(b)	Has the generator retained a copy of each Annual Report and Exception Report for a period of at least three years from the due date of the report (March 1)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.140(b)
722.140(c)	Has the generator retained for a period of 3 years: - copies of test results, waste analyses or other determinations made in accordance with Section 722.111? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	722.140(c)
722.140(d)	Does a generator who is involved in any unresolved enforcement action or as requested by the Director continue to maintain the records required in subsections a) and c)? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	722.140(d)
722.141(a)	Section: 722.141: Annual Reporting Has the generator who ships hazardous waste off-site for treatment, storage or disposal filed an annual report with the Agency by March 1 for the preceding calendar year? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Note: If "No", or if deficiencies are noted with the annual report reviewed, contact the Planning and Reporting Section.	722.141(a)

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
722.141(b)	Has the generator who treats, stores or disposes of hazardous waste on-site, filed an annual report with the Agency by March 1 for the preceding calendar year? Yes <u>✓</u> No <u> </u> N/A <u> </u>	722.141(b)
722.142(a)(1)	Section 722.142: Exception Reporting If the generator has not received a copy of the manifest from the TSD facility within 35 days of the date of delivery to the transporter, has the generator contacted the transporter or the TSD facility to determine the status of the hazardous waste? Yes <u> </u> No <u> </u> N/A <u>✓</u>	722.142(a)(1)
722.142(a)(2)	If the generator has not received a copy of the signed manifest within 45 days of the date of delivery to the transporter, has he filed an exception report with the Agency in accordance with the requirements of this Section? Yes <u> </u> No <u> </u> N/A <u>✓</u>	722.142(a)(2)
722.143	Section 722.143: Additional Reporting Has the generator furnished additional reports as required by the Director? Yes <u> </u> No <u> </u> N/A <u>✓</u>	722.143
	Subpart E: Exports of Hazardous Waste Is the generator an exporter of hazardous waste? Yes <u>✓</u> No <u> </u> N/A <u> </u> If "Yes", has the generator complied with the requirements of Subpart E? Yes <u>✓</u> No <u> </u> N/A <u> </u>	
	Subpart F: Imports of Hazardous Waste Is the generator an importer of hazardous waste? Yes <u> </u> No <u> </u> N/A <u>✓</u> If "Yes", has the generator complied with the requirements of Subpart F? Yes <u> </u> No <u> </u> N/A <u>✓</u>	
	Subpart G: Farmers Is the generator a farmer? Yes <u> </u> No <u> </u> N/A <u>✓</u> If "Yes", has the generator complied with the requirements of Subpart G? Yes <u> </u> No <u> </u> N/A <u> </u>	
	Comments:	

Regulation	RCRA LDR INSPECTION CHECKLIST (PART 728)	Violation
Part 728: Land Disposal Restrictions		
Subpart A: General		
728.103(a)	Section 728.103: Dilution Prohibited as a Substitute for Treatment Has a person diluted a restricted waste or a treatment residual of a restricted waste as a substitute for adequate treatment? Yes _____ No <u>X</u> N/A _____	728.103(a)
	Note: Has any person filed for a petition to allow land disposal of wastes prohibited under Subpart C of Part 728? Yes _____ No <u>X</u> N/A _____	
728.104	Section 728.104: Treatment Surface Impoundment Exemption Are wastes that are otherwise prohibited from land disposal under this Part being treated in a surface impoundment that meets the requirements of this Section? Yes _____ No <u>X</u> N/A _____	728.104
	Section 728.107: Waste Analysis and Recordkeeping	
728.107(a)	Has the generator tested the waste [as specified in 728.107(a)] or used knowledge of the waste to determine if the waste is restricted from land disposal? Yes <u>X</u> No _____ N/A _____	728.107(a)
728.107(a)(1)	If a generator determines that its waste is restricted, has a notice been sent with each shipment that includes the following information:	728.107(a)(1)
	A) USEPA Hazardous Waste Number? Yes <u>X</u> No _____ N/A _____	
	B) corresponding treatment standards or a reference to the treatment standard by section or applicable treatment code? Yes <u>X</u> No _____ N/A _____	
	C) manifest number associated with the shipment of waste? Yes <u>X</u> No _____ N/A _____	
	D) for hazardous debris, the contaminants subject to treatment as provided by Section 728.145(b) and the following statement: "This hazardous debris is subject to the alternative treatment standards of Section 728.145?" Yes _____ No _____ N/A <u>X</u>	
728.107(a)(2)	E) waste analysis data, where available? Yes <u>X</u> No _____ N/A _____	728.107(a)(2)
	Has the generator of a restricted waste that meets the applicable treatment standards submitted, with each shipment, a notice and certification, as specified in this Section, stating that the waste meets applicable treatment standards and can be land disposed without further treatment? Yes <u>X</u> No _____ N/A _____	
728.107(a)(3)	Has the generator of a restricted waste that has been exempted under Section 728.106 submitted a notice, as specified in this section, with each shipment to the receiving facility, stating that the waste is not prohibited from land disposal? Yes <u>X</u> No _____ N/A _____	728.107(a)(3)
728.107(a)(4)	Has the generator who treats a prohibited waste in tanks or containers in order to meet the treatment standards developed and followed a waste analysis plan? Yes <u>X</u> No _____ N/A _____	728.107(a)(4)
	Is the plan on-site? Yes <u>X</u> No _____ N/A _____	
	Does the plan include a detailed physical and chemical analysis? Yes <u>X</u> No _____ N/A _____	
	Has the plan been filed with the Agency at least 30 days prior to commencement of the treatment activity? Yes <u>X</u> No _____ N/A _____	
	(LDR-1)	

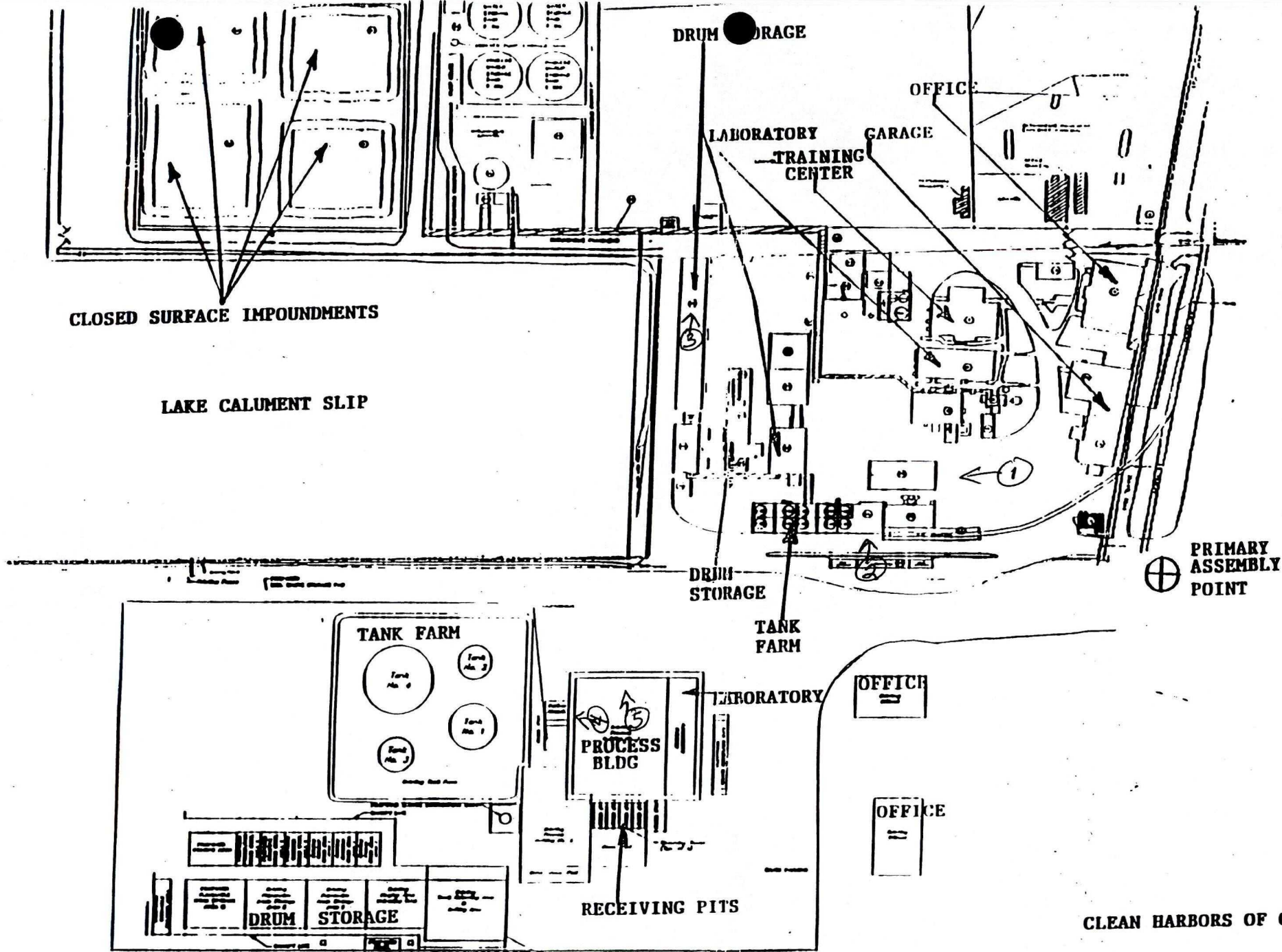
Regulation	RCRA LDR INSPECTION CHECKLIST (PART 728)	Violation
728.107(a)(5)	Has the generator submitted the required notification and certification that the waste meets treatment standards when the waste is shipped off-site? Yes <u>X</u> No _____ N/A _____	728.107(a)(5)
728.107(a)(6)	Has the generator who has determined that the waste is restricted based on the generator's knowledge and/or testing of the waste retained all supporting data used to make this determination on-site? Yes <u>X</u> No _____ N/A _____	728.107(a)(6)
728.107(a)(7)	If a generator determines, subsequent to the time of generation, that the generator is managing a restricted waste which is excluded from the definition of hazardous or solid waste or exempt from RCRA, has a one-time notification stating such generation been placed in the generator's files? Yes <u>X</u> No _____ N/A _____	728.107(a)(7)
728.107(a)(8)	Does a generator keep on-site a copy of all notices, certifications, demonstrations, waste analysis data and other documentation produced pursuant to this Section for at least five years from the date of the latest shipment? Yes <u>X</u> No _____ N/A _____	728.107(a)(8)
728.107(a)(9)	If a generator is managing a lab pack that contains waste identified in Appendix D of Part 728 and wishes to use the alternative treatment standard under Section 728.142, has the generator submitted a notice and certification to the treatment facility with each shipment in accordance with this subsection? Yes _____ No _____ N/A <u>X</u>	728.107(a)(9)
728.107(a)(10)	If a generator is managing a lab pack that contains organic waste identified in Appendix E of Part 728 and wishes to use the alternative treatment standard, has the generator submitted a notice and certification to the treatment facility with each shipment in accordance with this subsection? Yes _____ No _____ N/A <u>X</u>	728.107(a)(10)
728.107(b)	Has a small-quantity generator with a tolling agreement pursuant to Section 722.120(e) retained on site a copy of the notification and certification of the initial waste shipment together with the tolling agreement for at least 3 years after the termination or expiration of the agreement? Yes _____ No _____ N/A <u>X</u>	728.107(b)
728.107(b)(4)	Has the treatment facility tested its waste according to the frequency specified in its waste analysis plan as required by Sections 724.113 or 725.113 and subsections (b)(1), (b)(2) and (b)(3) of this section? Yes _____ No _____ N/A <u>X</u>	728.107(b)(4)
728.107(b)(5)	Has the treatment facility sent a notice to the land disposal facility with each shipment of waste that includes the following information: A) USEPA Hazardous Waste Number? Yes <u>X</u> No _____ N/A _____ B) corresponding treatment standards or a reference to the treatment standard by section or applicable treatment code? Yes <u>X</u> No _____ N/A _____ C) manifest number associated with the shipment of waste? Yes <u>X</u> No _____ N/A _____ D) waste analysis data, where available? Yes <u>X</u> No _____ N/A _____	728.107(b)(5)
728.107(b)(6)	Has the treatment facility submitted a certification, as specified in 728.107(b)(5), with each shipment of hazardous waste or treatment residue to the land disposal facility? Yes <u>X</u> No _____ N/A _____	728.107(b)(6)

Regulation	RCRA LDR INSPECTION CHECKLIST (PART 728)	Violation
28.107(b)(7)	<p>Has the recycling facility that is making off-site shipments of recyclable materials used in a manner constituting disposal:</p> <p>– submitted to the Agency a notice and certification with each shipment in accordance with 728.107(b)(4) and (b)(5)?</p> <p>Yes _____ No _____ N/A <u>✓</u></p> <p>– kept records of the name and location of each entity receiving the hazardous waste-derived product?</p> <p>Yes _____ No _____ N/A <u>✓</u></p>	728.107(b)(7)
728.107(c)	<p>Has the owner/operator of any land disposal facility disposing of any restricted waste, except where the waste being disposed of is a recyclable material used in a manner constituting disposal:</p> <p>1) maintained copies of the notice and certification specified in subsection 728.107(a) or (b)?</p> <p>Yes _____ No _____ N/A <u>✓</u></p> <p>2) tested the waste to ensure that it is in compliance with applicable treatment standards or prohibitions?</p> <p>Yes _____ No _____ N/A <u>✓</u></p>	728.107(c)
728.107(c)(4)	<p>Note: If the owner/operator is disposing of any waste that is a recyclable material used in a manner constituting disposal, the owner/operator is not subject to the subsections (c)(1) and (c)(2) with respect to such waste.</p>	
728.107(d)	<p>Has the generator or treater who first claims that their hazardous debris is excluded from the definition of a hazardous waste under Section 728.103(f)(2) provided the following notification and certification:</p> <p>1) a one-time notification submitted to the Agency including the following information:</p> <p>A) the name and address of the RCRA Subtitle D facility receiving the treated debris?</p> <p>Yes _____ No _____ N/A <u>✓</u></p> <p>B) a description of the hazardous debris as initially generated including the applicable USEPA hazardous waste number(s)?</p> <p>Yes _____ No _____ N/A <u>✓</u></p> <p>C) for debris excluded under Section 728.103(f)(2), the technology from Section 728, Table F?</p> <p>Yes _____ No _____ N/A <u>✓</u></p> <p>2) Has the notification been updated if the debris is shipped to a different facility or if a different technology is used to treat the debris?</p> <p>Yes _____ No _____ N/A <u>✓</u></p> <p>3) For debris excluded under Section 728.103(f)(2), has the owner/operator of the treatment facility documented and certified compliance with the treatment standards of Section 728, Table F pursuant to this Subsection?</p> <p>Yes _____ No _____ N/A <u>✓</u></p>	728.107(d)
728.109(a)	<p>Section 728.109: Special Rules for Characteristic Wastes</p> <p>Has the generator determined each USEPA hazardous waste code applicable to the waste in order to determine the applicable treatment standards under Subpart D?</p> <p>Yes <u>✓</u> No _____ N/A _____</p> <p>Note: For purposes of this Part, the waste will carry the waste code for any applicable listing under Part 721, Subpart D and one or more of the waste codes under Part 721, Subpart C where the waste exhibits the relevant characteristic, except in the case when the treatment standard for the Subpart D waste code operates in lieu of the standard for the Subpart C waste code as specified in subsection (b).</p>	728.109(a)
728.109(b)	<p>Does the waste meet the treatment standards for all applicable listed and characteristic waste codes?</p> <p>Yes <u>✓</u> No _____ N/A _____</p> <p>Note: Where a prohibited waste is both listed and characteristic, the treatment standard for the listed waste code will operate in lieu of the standard for the characteristic waste code, provided that the treatment standard for the listed waste includes a treatment standard for the constituent that causes the waste to exhibit the characteristic.</p>	728.109(b)

Regulation	RCRA LDR INSPECTION CHECKLIST (PART 728)	Violation
728.109(c)	<p>Has the generator land disposed any prohibited waste which exhibits a characteristic under Part 721, Subpart C only if the waste complies with the treatment standards under Part 728, Subpart D (in addition to any applicable standards determined from the initial point of generation)?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p>	728.109(c)
728.109(d)	<p>1) Has the generator sent the required notification and certification to the appropriate Agency for each shipment of waste that no longer exhibits the characteristic to a Subtitle D landfill?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Does the notification include the following information:</p> <p>A) name and address of the non-hazardous waste facility receiving the shipment?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>B) description of the waste as initially generated, including USEPA hazardous waste number(s), applicable wastewater or nonwastewater category and the subdivisions made within a waste code based on waste specific criteria (such as D003, reactive cyanides)?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>C) treatment standards applicable to the waste at the initial point of generation?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>2) Has the certification been signed by an authorized representative and is the language stated as required in Section 728.107(b)(5)(A)?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Subpart C: Prohibition on Land Disposal</p> <p>Section 728.130: Waste Specific Prohibitions -- Solvent Wastes</p> <p>Has the generator of a spent solvent waste (F001 - F005) land disposed the waste only after having:</p> <p>1) met the treatability standards of Part 728, Subpart D; or</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>2) been granted an exemption from a prohibition pursuant to a petition under Section 728.106; or</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>3) been granted an extension to the effective date of prohibition pursuant to Section 728.105?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>Section 728.131: Waste Specific Prohibitions -- Dioxin-Containing Wastes</p> <p>Has the generator of a dioxin-containing waste (F020, F021, F022, F023, F026, F027 or F028) land disposed the waste only after having:</p> <p>1) met the treatability standards of Part 728, Subpart D; or</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>2) been granted an exemption from a prohibition pursuant to a petition under Section 728.106; or</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>3) been granted an extension to the effective date of prohibition pursuant to Section 728.105?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>Section 728.132: Waste Specific Prohibitions -- California List Wastes</p> <p>Has the generator of a California List Waste land disposed the waste only after having:</p> <p>1) been granted an adjusted standard from a prohibition pursuant to a petition under Section 728.106 (except for liquid hazardous waste containing PCBs at concentrations greater than or equal to 500 ppm which are not eligible for exemptions; or</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>2) been granted an extension to the effective date of prohibition pursuant to Section 728.105?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>3) met the applicable treatment standards specified in Subpart D or, where treatment standards are not specified, the wastes are in compliance with the applicable prohibitions set forth in this Section or Section 728.139?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p>	728.109(d)
728.130	<p>Section 728.130: Waste Specific Prohibitions -- Solvent Wastes</p> <p>Has the generator of a spent solvent waste (F001 - F005) land disposed the waste only after having:</p> <p>1) met the treatability standards of Part 728, Subpart D; or</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>2) been granted an exemption from a prohibition pursuant to a petition under Section 728.106; or</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>3) been granted an extension to the effective date of prohibition pursuant to Section 728.105?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p>	728.130
728.131	<p>Section 728.131: Waste Specific Prohibitions -- Dioxin-Containing Wastes</p> <p>Has the generator of a dioxin-containing waste (F020, F021, F022, F023, F026, F027 or F028) land disposed the waste only after having:</p> <p>1) met the treatability standards of Part 728, Subpart D; or</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>2) been granted an exemption from a prohibition pursuant to a petition under Section 728.106; or</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>3) been granted an extension to the effective date of prohibition pursuant to Section 728.105?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p>	728.131
728.132	<p>Section 728.132: Waste Specific Prohibitions -- California List Wastes</p> <p>Has the generator of a California List Waste land disposed the waste only after having:</p> <p>1) been granted an adjusted standard from a prohibition pursuant to a petition under Section 728.106 (except for liquid hazardous waste containing PCBs at concentrations greater than or equal to 500 ppm which are not eligible for exemptions; or</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>2) been granted an extension to the effective date of prohibition pursuant to Section 728.105?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>3) met the applicable treatment standards specified in Subpart D or, where treatment standards are not specified, the wastes are in compliance with the applicable prohibitions set forth in this Section or Section 728.139?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p>	728.132

Regulation	RCRA LDR INSPECTION CHECKLIST (PART 728)	Violation
728.133	Section 728.133: Waste Specific Prohibitions -- First Third Wastes Has the generator of a first third waste land disposed the waste only after having: 1) met the treatability standards of Part 728, Subpart D; or Yes _____ No _____ N/A <u>✓</u> 2) been granted an adjusted standard pursuant to Section 728.106; or Yes _____ No _____ N/A <u>✓</u> 3) been granted an extension to the effective date of prohibition pursuant to Section 728.105? Yes _____ No _____ N/A <u>✓</u>	728.133
728.133(g)	Has the generator of a first third waste tested the waste or used knowledge of the waste to determine whether it exceeds the applicable treatment standards? Yes _____ No _____ N/A <u>✓</u>	728.133(g)
728.134	Section 728.134: Waste Specific Prohibitions -- Second Third Wastes Has the generator of a second third waste land disposed the waste only after having: 1) met the treatability standards of Part 728, Subpart D; or Yes _____ No _____ N/A <u>✓</u> 2) been granted an extension to the effective date of prohibition pursuant to Section 728.105; or Yes _____ No _____ N/A <u>✓</u> 3) been granted an exemption pursuant to Section 728.106? Yes _____ No _____ N/A <u>✓</u>	728.134
728.134(i)	Has the generator of a second third hazardous waste tested the waste or used his knowledge of the waste to determine whether it exceeds the applicable treatment standards of 728.141 or 728.143? Yes _____ No _____ N/A _____	728.134(i)
728.135	Section 728.135: Waste Specific Prohibitions -- Third Third Wastes Has the generator of a third third waste land disposed the waste only after having: 1) met the treatability standards of Part 728, Subpart D; or Yes _____ No _____ N/A <u>✓</u> 2) been granted an exemption from a prohibition pursuant to a petition under Section 728.106; or Yes _____ No _____ N/A <u>✓</u> 3) met the applicable alternate standards established pursuant to a petition granted under Section 728.144; or Yes _____ No _____ N/A <u>✓</u> 4) been granted an extension to the effective date of a prohibition pursuant to Section 728.105? Yes _____ No _____ N/A <u>✓</u>	728.135
728.135(j)	Has the generator of a third third waste listed in 728.110, 728.111 or 728.112 tested the waste or used his knowledge of the waste to determine whether it exceeds the applicable treatment standards of Sections 728.141 or 728.143? Yes <u>✓</u> No _____ N/A _____	728.135(j)
728.139	Section 728.139: Statutory Prohibitions Has a person caused, threatened or allowed the land disposal of any waste in violation of Section 3004 of RCRA? Yes _____ No <u>✓</u> N/A _____	728.139
3.150(a)(1)	Subpart E: Prohibitions on Storage Note: Except as provided in this section, the storage of hazardous wastes restricted from land disposal under Subpart C is prohibited. Section 728.150: Prohibitions on Storage of Restricted Wastes Has the generator stored restricted wastes in tanks or containers on-site solely for the accumulation of such quantities as necessary to facilitate proper recovery, treatment or disposal? Yes <u>✓</u> No _____ N/A _____ Has the generator complied with the requirements of Section 722.134? Yes _____ No _____ N/A <u>✓</u>	728.150(a)(1)

Regulation	RCRA LDR INSPECTION CHECKLIST (PART 728)	Violation
	<p>Note: A generator in existence on the effective date of regulation under this Part and who must store hazardous wastes for more than 90 days due to regulations under this Part becomes a TSD and must obtain a RCRA permit.</p>	
728.150(a)(2)	<p>Has the owner/operator of a TSD stored restricted wastes in tanks or containers solely for the accumulation of such quantities of hazardous waste to facilitate proper recovery, treatment or disposal?</p> <p>Yes <u>X</u> No _____ N/A _____</p> <p>If yes, has the owner/operator:</p> <p>A) clearly marked each container to identify its contents and the accumulation start date?</p> <p>Yes <u>X</u> No _____ N/A _____</p> <p>B) clearly marked each tank to identify its contents, recorded the quantity of each hazardous waste received and indicated the accumulation start date, all in accordance with the operating record requirements of 724.173 or 725.173?</p> <p>Yes <u>X</u> No _____ N/A _____</p>	728.150(a)(2)
728.150(a)(3)	<p>Has the transporter stored manifested shipments of such wastes at a transfer facility for 10 days or less?</p> <p>Yes _____ No _____ N/A <u>X</u></p>	728.150(a)(3)
728.150(b)	<p>Has the owner/operator of a TSD stored restricted wastes up to one year solely for accumulation of such quantities of hazardous waste as necessary to facilitate proper recovery, treatment or disposal?</p> <p>Yes _____ No _____ N/A <u>X</u></p>	728.150(b)
728.150(c)	<p>Has the owner/operator of a TSD who has stored such wastes beyond one year proved that such storage was solely for the accumulation of such quantities of hazardous waste to facilitate proper recovery, treatment or disposal?</p> <p>Yes _____ No _____ N/A <u>X</u></p> <p>Note: If a generator's waste is exempt from a prohibition on the type of land disposal utilized for the waste (e.g. case-by-case extension, incorporated by reference or an approved petition) the prohibition in subsection (a) does not apply during the period of such exemption.</p> <p>Note: The prohibition in subsection (a) does not apply to hazardous wastes that meet the treatment standards (728.141, 728.142 and 728.143) or the adjusted treatment standards (728.144) or where the treatment standards have not been specified, is in compliance with the applicable prohibitions in 728.132 or 728.139.</p>	728.150(c)
728.150(f)	<p>Have liquid hazardous wastes containing PCBs at concentrations greater than 50 ppm been stored at a facility that meets the requirements of 40 CFR 261.65(b) and have they been removed from storage and treated or disposed as required by this Part within one year of the date when such wastes were first placed into storage?</p> <p>Yes _____ No _____ N/A <u>X</u></p> <p>Note: The provisions of subsection (c) do not apply to such PCB wastes prohibited under Section 728.132.</p> <p>COMMENTS:</p>	728.150(f)



CLEAN HARBORS OF CHICAGO, INC.

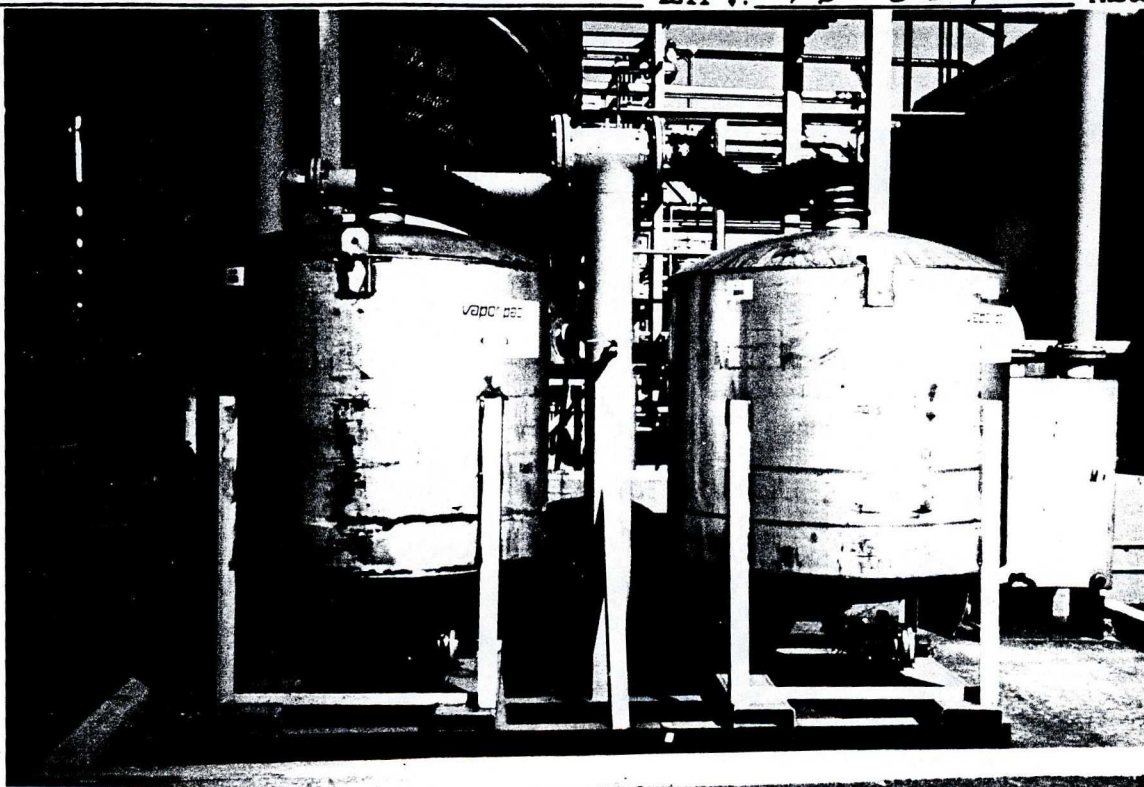
Illinois Environmental Protection Agency Photographs

Site Name: CLEAN HARBOR EPA #: 03/6000051
Date: 9/29/97 Time: 9:30 AM - 12:00 PM Photographed By: AARON TAYLOR



Comments: Truck Staging Area

Roll #: 98-067 Photo #: 5



Comments: Carbon Adsorption units located outside
hazard waste level located in tank for 98-067

Illinois Environmental Protection Agency Photographs

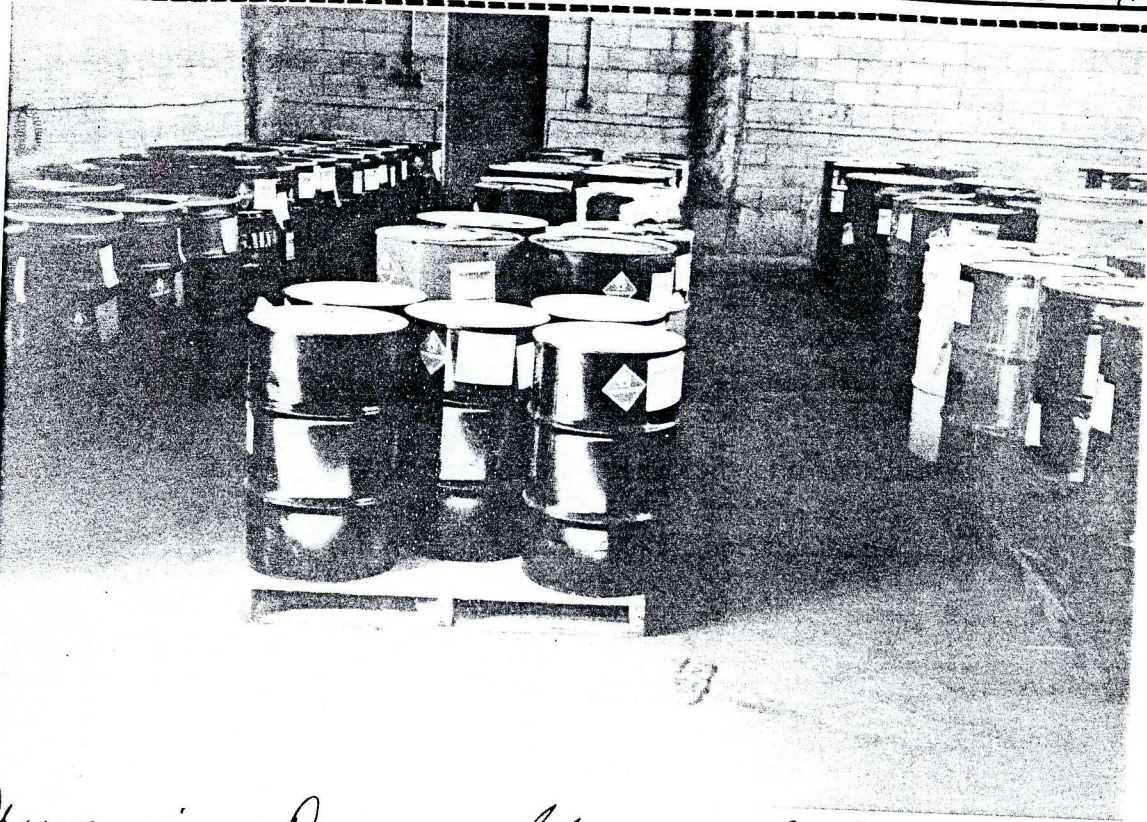
Site Name: CLEAN HARBORS

EPA #: 03/6000051

Date: 0

Time: 9:00 AM - 12:00 PM

Photograph by: AARON TAYLOR



Comments: Drum in Drum Storage Building

Roll #: 97-067

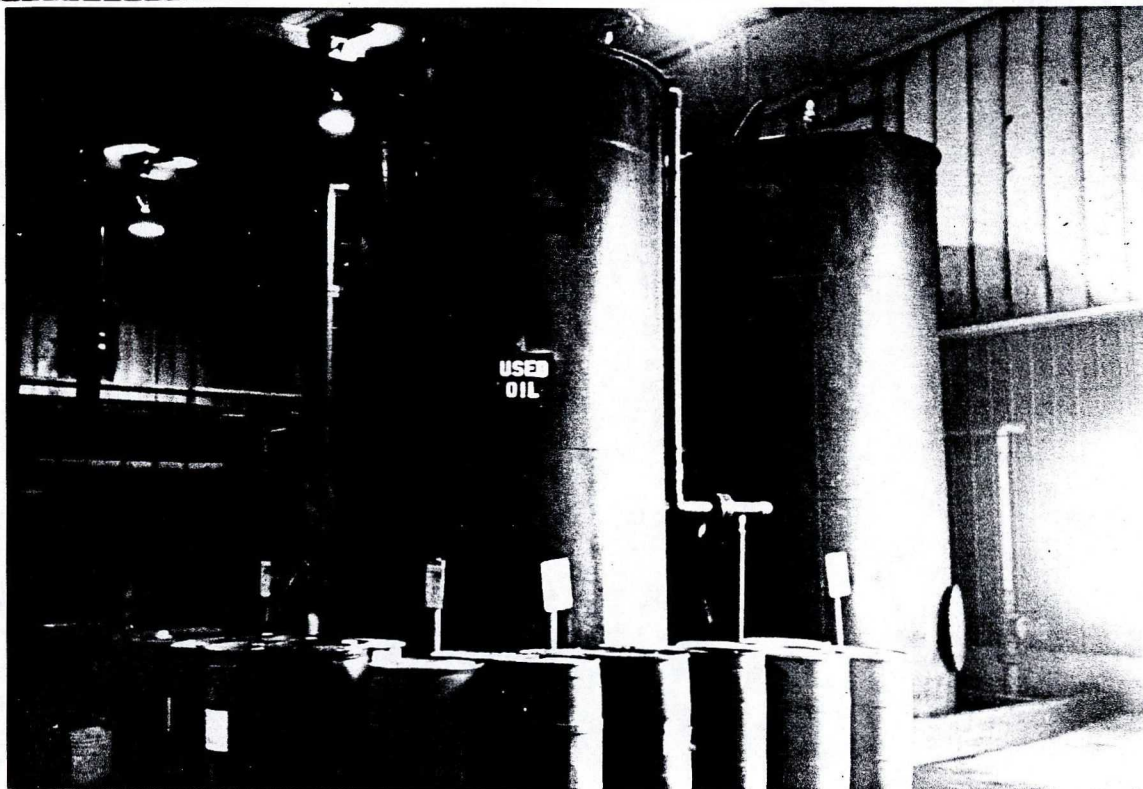
Photo #: 3



Comments: Drums in Storage

Illinois Environmental Protection Agency Photographs

Site Name: CLEAN HARBORS EPA #: 0316000051
Date: 9/29/97 Time: 9:30 AM - 12:00 PM Photographer: AARON TAYLOR



Comments: USED OIL STORAGE TANKS
Roll #: 97-067 Photo #: 5

Comments: _____

Roll #: _____ Photo #: _____

ATTACHMENT A

**WASTES WHICH CAN BE ACCEPTED AND
HAZARDOUS WASTE IDENTIFICATION NUMBERS**

0316000051

**Clean Harbors Services, Inc.
RCRA Log No. B-16**

Clean Harbors Services, Inc.

RCRA Log No. B-16

HazardousWaste No.Description of Hazardous Waste

D032	Solid waste exhibiting the characteristic of TCLP toxicity for hexachlorobenzene at 0.13 mg/l or more.
D033	Solid waste exhibiting the characteristic of TCLP toxicity for hexachlorobutadiene at 0.5 mg/l or more.
D034	Solid waste exhibiting the characteristic of TCLP toxicity for hexachloroethane at 3.0 mg/l or more.
D035	Solid waste exhibiting the characteristic of TCLP toxicity for methyl ethyl ketone at 200.0 mg/l or more.
D036	Solid waste exhibiting the characteristic of TCLP toxicity for nitrobenzene at 2.0 mg/l or more.
D039	Solid waste exhibiting the characteristic of TCLP toxicity for tetrachloroethylene at 0.7 mg/l or more.
D040	Solid waste exhibiting the characteristic of TCLP toxicity for trichloroethylene at 0.5 mg/l or more.
D041	Solid waste exhibiting the characteristic of TCLP toxicity for 2,4,5 trichlorophenol at 400.0 mg/l or more.
D042	Solid waste exhibiting the characteristic of TCLP toxicity for 2,4,6 trichlorophenol at 2.0 mg/l or more.
D043	Solid waste exhibiting the characteristic of TCLP toxicity for vinyl chloride at 0.2 mg/l or more.

B. Hazardous Wastes from Non-Specific Sources

K062	Spent pickle liquor generated by steel finishing operations of facility within the iron and steel industry (SIC Code 331 and 332, as defined in 35 Ill. Adm. Code 720.110).
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Hazardous
Waste No.Description of Hazardous Waste

D011	Solid waste exhibiting the characteristic of TCLP toxicity for silver at 5.0 mg/l or more.
D018	Solid waste exhibiting the characteristic of TCLP toxicity for benzene at 0.5 mg/l or more.
D019	Solid waste exhibiting the characteristic of TCLP toxicity for carbon tetrachloride at 0.5 mg/l or more.
D021	Solid waste exhibiting the characteristic of TCLP toxicity for chlorobenzene at 100.0 mg/l or more.
D022	Solid waste exhibiting the characteristic of TCLP toxicity for chloroform at 6.0 mg/l or more.
D023	Solid waste exhibiting the characteristic of TCLP toxicity for o-cresol at 200.0 mg/l or more.
D024	Solid waste exhibiting the characteristic of TCLP toxicity for m-cresol at 200.0 mg/l or more.
D025	Solid waste exhibiting the characteristic of TCLP toxicity for p-cresol at 200.0 mg/l or more.
D026	Solid waste exhibiting the characteristic of TCLP toxicity for cresol at 200.0 mg/l or more.
D027	Solid waste exhibiting the characteristic of TCLP toxicity for 1,4 dichlorobenzene at 7.5 mg/l or more.
D028	Solid waste exhibiting the characteristic of TCLP toxicity for 1,2 dichloroethane at 0.5 mg/l or more.
D029	Solid waste exhibiting the characteristic of TCLP toxicity for 1,1 dichloroethylene at 0.7 mg/l or more.

Hazardous
Waste No.Description of Hazardous Waste

D043 Solid waste exhibiting the characteristic of TCLP toxicity for vinyl chloride at 0.2 mg/l or more.

B. Hazardous Wastes From Non-Specific Sources

F001 The following spent halogenated solvents used in degreasing: tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride, chlorinated fluorocarbons, spent solvent mixtures/blends used in degreasing, and still bottom from the recovery of these spent solvents and spent solvent mixtures.

F002 The following spent halogenated solvents: tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, orthodichlorobenzene, trichlorofluoromethane, 1,1,2-trichloroethane, spent solvent mixtures and blends, and the still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F003 The following spent non-halogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, methanol, spent solvent mixtures and blends, and the still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F004 The following spent non-halogenated solvents: cresols and cresylic acid, nitrobenzene, spent solvent mixtures and blends, and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F005 The following spent non-halogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, 2-nitropropane, spent solvent mixtures and blends, and the still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F006 Wastewater treatment sludges from electroplating operations.

F007 Spent cyanide plating baths from electroplating operations.

Hazardous
Waste No.Description of Hazardous Waste

K008	Oven residue from the production of chrome oxide green pigments.
K046	Wastewater treatment sludges from the manufacturing, formulation and loading of lead based initiating compounds.
K048	Dissolved air flotation (DAF) float from the petroleum refining industry.
K052	Tank bottoms (leaded) from the petroleum refining industry.
K060	Ammonia still lime sludge from coking operations.
K061	Emission control dust/sludge from the primary production of steel in electric furnaces.
K062	Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332) (as defined in 35 Ill. Adm. Code 720.110).
K069	Emission control dust/sludge from secondary lead smelting.
K086	Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps and stabilizers containing chromium and lead.
K087	Decanter tank tar sludge from coking operations.
K100	Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.

Clean Harbors Services, Inc.
RCRA Log No. B-16

Hazardous

<u>Waste No.</u>	<u>Description of Hazardous Waste</u>
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C. Hazardous Waste From Non-Specific Sources

- | | |
|---------------------|---|
| F006 ⁽¹⁾ | Wastewater treatment sludges from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum. |
| F007 ⁽¹⁾ | Spent cyanide plating bath solutions from electroplating operations. |
| F008 ⁽¹⁾ | Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process. |
| F009 ⁽¹⁾ | Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process. |
| F010 ⁽¹⁾ | Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process. |
| F011 ⁽¹⁾ | Spent cyanide solutions from salt bath pot cleaning from metal heat treating operations. |
| F012 ⁽¹⁾ | Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process. |
| F019 ⁽¹⁾ | Wastewater treatment sludges from the chemical conversion coating of aluminum. |

⁽¹⁾ The facility cannot stabilize wastes containing parameters above land ban restrictions whose BDAT as identified in the Federal Register is not based on stabilization (i.e., cyanide).

Clean Harbors Services, Inc.
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Hazardous
Waste No.

Description of Hazardous Waste

D012	Solid waste exhibiting the characteristic of TCLP Toxicity for Endrin at 0.02 mg/l or more.
D013	Solid Waste exhibiting the characteristic of TCLP Toxicity for Lindane at 0.4 mg/l or more.
D014	Solid Waste exhibiting the characteristic of TCLP Toxicity for Methoxychlor at 10.0 mg/l or more.
D015	Solid waste exhibiting the characteristic of TCLP Toxicity for Toxaphene at 0.5 mg/l or more.
D016	Solid waste exhibiting the characteristic of TCLP toxicity for 2,4-D at 10.0 mg/l or more.
D017	Solid waste exhibiting the characteristic of TCLP Toxicity for 2,4,5-TP (Silvex) at 1.0 mg/l or more.
D018	Solid waste exhibiting the characteristic of TCLP toxicity for benzene at 0.5 mg/l or more.
D019	Solid waste exhibiting the characteristic of TCLP toxicity for carbon tetrachloride at 0.5 mg/l or more.
D020	Solid waste exhibiting the characteristic of TCLP Toxicity for chlordane at 0.03 mg/l or more.
D021	Solid waste exhibiting the characteristic of TCLP toxicity for chlorobenzene at 100.0 mg/l or more.
D022	Solid waste exhibiting the characteristic of TCLP toxicity for chloroform at 6.0 mg/l or more.
D023	Solid waste exhibiting the characteristic of TCLP toxicity for o-cresol at 200.0 mg/l or more.

HazardousWaste No.Description of Hazardous Waste

D036	Solid waste exhibiting the characteristic of TCLP toxicity for nitrobenzene at 2.0 mg/l or more.
D037	Solid waste exhibiting the characteristic of TCLP toxicity for pentachlorophenol at 100.0 mg/l or more.
D038	Solid waste exhibiting the characteristic of TCLP toxicity for pyridine at 5.0 mg/l or more.
D039	Solid waste exhibiting the characteristic of TCLP toxicity for tetrachloroethylene at 0.7 mg/l or more.
D040	Solid waste exhibiting the characteristic of TCLP toxicity for trichloroethylene at 0.5 mg/l or more.
D041	Solid waste exhibiting the characteristic of TCLP toxicity for 2,4,5 trichlorophenol at 400.0 mg/l or more.
D042	Solid waste exhibiting the characteristic of TCLP toxicity for 2,4,6 trichlorophenol at 2.0 mg/l or more.
D043	Solid waste exhibiting the characteristic of TCLP toxicity for vinyl chloride at 0.2 mg/l or more.

B. Hazardous Wastes From Non-Specific Sources

F001	The following spent halogenated solvents used in degreasing tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons: all spent solvent mixtures and blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004 or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
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Clean Harbors Services, Inc.
RCRA Log No. B-16

Hazardous
Waste No.

Description of Hazardous Waste

F008	Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process.
F009	Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process.
F010	Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process.
F011	Spent cyanide solutions from salt bath pot cleaning from metal heat treating operations.
F012	Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process.
F019	Wastewater treatment sludges from the chemical conversion coating of aluminum.
*F020	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri-, or tetrachlorophenol, or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of Hexachlorophene from highly purified 2, 4, 5-trichlorophenol.)
*F021	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate or component in a formulating process) of pentachlorophenol, or of intermediates used to produce its derivatives.
*F022	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.
*F023	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol.)

Clean Harbors Services, Inc.

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HazardousWaste No.Description of Hazardous Waste

- F034 Wastewaters, process residuals, preservative drippage and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote or pentachlorophenol.
- F035 Wastewaters, process residuals, preservative drippage and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote or pentachlorophenol.
- F037 Petroleum refinery primary oil/water/solids separation sludge -- Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oil cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in: oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and stormwater units receiving dry weather flow. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in subsection (b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and K051 wastes are not included in this listing.
- F038 Petroleum refinery secondary (emulsified) oil/water/solids separation sludge -- Any sludge or float generated from the physical or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from the physical or chemical separation of oil/water/solids in process wastewaters and oil cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Subsection (b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), F037, K048 and K051 wastes are not included in this listing.

Hazardous
Waste No.Description of Hazardous Waste

K014	Bottoms from the acetonitrile purification column in the production of acrylonitrile.
K015	Still bottoms from the distillation of benzyl chloride.
K016	Heavy ends or distillation residues from the production or carbon tetrachloride.
K017	Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.
K018	Heavy ends from the fractionation column in ethyl chloride production.
K019	Heavy ends of the distillation of ethylene dichloride in thylene dichloride production.
K020	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.
K021	Aqueous spent antimony catalyst waste from fluoromethanes production.
K022	Distillation bottom tars from the production of phenol/acetone from cumene.
K023	Distillation light ends from the production of phthalic anhydride from naphthalene.
K024	Distillation bottoms from the production of phthalic anhydride from naphthalene.
K025	Distillation bottoms from the production of phthalic anhydride from naphthalene.
K026	Stripping still tails from the production of methy ethyl pyridines.
K027	Centrifuge and distillation residues from toluene diisocyanate production.
K028	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichlorethane.
K029	Waste from the product stream stripper in the production of 1,1,1-trichloroethane.

Clean Harbors Services, Inc.
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Hazardous
Waste No.

Description of Hazardous Waste

K045	Spent carbon from the treatment of wastewater containing explosives.
K046	Wastewater treatment sludges from the manufacturing, formulation and loading of lead based initiating compounds.
K047	Pink/red water from TNT operations.
K048	Dissolved air flotation (DAF) float from the petroleum refining industry.
K049	Slop oil emulsion solids from the petroleum refining industry.
K050	Heat exchanger bundle cleaning sludge from the petroleum refining industry.
K051	API separator sludge from the petroleum refining industry.
K052	Tank bottoms (leaded) from the petroleum refining industry.
K060	Ammonia still lime sludge from coking operations.
K061	Emission control dust/sludge from the primary production of steel in electric furnaces.
K062	Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332) (as defined in 35 Ill. Adm. Code 720.110).
K064	Acid plant blowdown slurry or sludge resulting from the thickening of blowdown slurry from primary copper production.
K065	Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.
K066	Sludge from treatment of process wastewater or acid plant blowdown from primary zinc production.
K069	Emission control dust/sludge from secondary lead smelting.

Hazardous
Waste No.Description of Hazardous Waste

K097	Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.
K098	Untreated process wastewater from the production of toxaphene.
K099	Untreated wastewater from the production of 2,4-D.
K100	Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.
K101	Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K102	Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic compounds.
K103	Process residues from aniline extraction from the production of aniline.
K104	Combined wastewater streams generated from nitrobenzene/aniline production.
K105	Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.
K106	Wastewater treatment sludge from the mercury cell process in chlorine production.
K107	Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazines.
K108	Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazines.
K109	Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazines.

Clean Harbors Services, Inc.
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Hazardous
Waste No.

Description of Hazardous Waste

K131	Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide.
K132	Spent absorbent and wastewater separator solids from the production of methyl bromide.
K136	Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K141	Process residues from the recovery of coal tar, including, but not listed to, tar collecting sump residues from the production of coke from coal or the recovery of coke by-products produced from coal. This listing does not include K087 (decanter tank tar sludge from coking operations).
K142	Tar storage tank residues from the production of coke from coal or from the recovery of coke by-products produced from coal. This listing does not include K087 (decanter tank tar sludge from coking operations).
K143	Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.
K144	Wastewater treatment sludges from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal.
K145	Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.
K147	Tar storage tank residues from coal tar refining.
K148	Residues from coal tar distillation, including, but not limited to, still bottoms.
K149	Distillation bottoms from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. [This waste does not include still bottoms from the distillation of benzyl chloride.]

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Clean Harbors Services, Inc.

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Hazardous

Waste No.

Description of Hazardous Waste

P005	Allyl alcohol
P006	Aluminum phosphide
P007	5-(Aminomethyl)-3-isoxazolol
P008	4-Aminopyridine
P009	Ammonium picrate
P010	Arsenic acid
P011	Arsenic pentoxide
P012	Arsenic trioxide
P013	Barium cyanide
P014	Benzenethiol
P015	Beryllium dust
P016	Bis-chloromethyl) ether
P017	Bromoacetone
P018	Brucine
P020	Dinoseb
P021	Calcium cyanide
P022	Carbon bisulfide
P023	Chloroacetaldehyde
P024	p-Chloroaniline
P026	1-(o-Chlorophenyl) thiourea
P027	3-Chloropropionitrile
P028	Benzyl chloride
P029	Copper cyanides
P030	Cyanides (soluble cyanide salts) not elsewhere specified.
P031	Cyanogen
P033	Cyanogen chloride
P034	4,6-Dinitro-o-cyclohexylphenol
P036	Dichlorophenylarsine
P037	Dieldrin
P038	Diethylarsine
P039	Disulfoton
P040	O,O-Diethyl O-pyrazinyl phosphoro-thioate
P041	Diethyl-p-nitrophenyl phosphate
P042	Epinephrine
P043	Diisopropyl fluorophosphate
P044	Dimethoate
P045	Thiofanox

Clean Harbors Services, Inc.
RCRA Log No. B-16

Hazardous
Waste No.

Description of Hazardous Waste

P093	N-Phenylthiourea
P094	Phorate
P095	Phosgene
P096	Phosphine
P097	Pamphur
P098	Potassium cyanide
P099	Potassium silver cyanide
P101	Propanenitrile
P102	Propargyl alcohol
P103	Selenourea
P104	Silver cyanide
P105	Sodium azide
P106	Sodium cyanide
P108	Strychnine and salts
P109	Tetraethyldithiopyrophosphate
P110	Tetraethyl lead
P111	Tetraethylpyrophosphate
P112	Tetranitromethane
P113	Thallic oxide
P114	Thallium(I) selenide
P115	Thallium(I) sulfate
P116	Thiosemicarbazide
P118	Trichloromethanethiol
P119	Vanadic acid, ammonium salt
P120	Vanadium pentoxide
P121	Zinc cyanide
P122	Zinc phosphide
P123	Toxaphene
*P127	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate
*P128	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester)
*P185	1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)carbonyl]oxime
*P188	Benzoic acid, 2-hydroxy, compound with (3aS-cis)- 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo [2,3-b]indol-5-yl methylcarbamate ester (1:1)
*P189	Carbamic acid, [(dibutylamino)thos]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester

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Clean Harbors Services, Inc.

RCRA Log No. B-16

Hazardous

Waste No.

Description of Hazardous Waste

U011	Amitrole
U012	Aniline
U014	Auramine
U015	Azaserine
U016	Benz(c)acridine
U017	Benzal chloride
U018	Benz(a)anthracene
U019	Benzene
U020	Benzenesulfonyl chloride
U021	Benzidine
U022	Benzo(a)pyrene
U023	Benzotrichloride
U024	Bis(2-chloroethoxy) methane
U025	Dichloroethyl ether
U026	Chloronaphazine
U027	Bis(2-chloroisopropyl) ether
U028	Bis(2-ethylhexyl) phthalate
U029	Bethyl bromide
U030	Benzene, 1-bromo-4-phenoxy-
U031	N-Butyl alcohol
U032	Calcium chromate
U033	Carbonyl fluoride
U034	Chloral
U035	Chlorambucil
U036	Chlordane, technical
U037	Chlorobenzene
U038	Ethyl 4,4'-dichlorobenzilate
U039	4-Chloro-m-cresol
U041	1-Chloro-2,3-epoxypropane
U042	2-Chloroethyl vinyl ether
U043	Vinyl chloride
U044	Chloroform
U045	Methyl chloride
U046	Chloromethyl methyl ether
U047	beta-Chloronaphthalene
U048	o-Chlorophenol
U049	Benzenamine, 4-chloro-2-methyl-

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Clean Harbors Services, Inc.

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Hazardous

Waste No.

Description of Hazardous Waste

U089	Diethylstilbestrol
U090	Dihydrosafrole
U091	3,3'-Dimethoxybenzidine
U092	Dimethylamine
U093	Dimethylaminoazobenzene
U094	7,12-Dimethylbenz[a]anthracene
U095	3,3'-Dimethylbenzidine
U096	Alpha, alpha-Dimethylbenzylhydro-peroxide
U097	Dimethylcarbamoyl chloride
U098	1,1-Dimethylhydrazine
U099	1,2-Dimethylhydrazine
U101	2,4-Dimethylphenol
U102	Dimethyl phthalate
U103	Dimethyl sulfate
U105	2,4-Dinitrotoluene
U106	2,6-Dinitrotoluene
U107	Di-n-octyl phthalate
U108	1,4-Dioxane
U109	1,2-Diphenylhydrazine
U110	Dipropylamine
U111	Di-N-propylnitrosamine
U112	Ethyl acetate
U113	Ethyl acrylate
U114	Ethylenebis(dithiocarbamic acid), salts and esters
U115	Ethylene oxide
U116	Ethylene thiourea
U117	Ethyl ether
U118	Ethyl methacrylate
U119	Ethyl methanesulfonate
U120	Fluoranthene
U121	Metane, trichlorofluoro-
U122	Formaldehyde
U123	Formic acid
U124	Furan
U125	Furfural
U126	Glycidylaldehyde
U127	Hexachlorobenzene

Clean Harbors Services, Inc.

RCRA Log No. B-16

<u>Hazardous</u> <u>Waste No.</u>	<u>Description of Hazardous Waste</u>
U166	1,4-Naphthalenedione
U167	1-Naphthylamine
U168	2-Naphthylamine
U169	Nitrobenzene
U170	p-Nitrophenol
U171	2-Nitropropane
U172	N-Nitrosodi-n-butylamine
U173	N-Nitrosodiethanolamine
U174	N-Nitrosodiethylamine
U176	N-Nitroso-N-ethylurea
U177	N-Nitroso-N-methylurea
U178	N-Nitroso-N-methylurethane
U179	N-Nitrosopiperidine
U180	Nitrosopyrrolidine
U181	5-Nitro-o-toluidine
U182	Paraldehyde
U183	Pentachlorobenzene
U184	Pentachloroethane
U185	Pentachloronitrobenzene
U186	1,3-Pentadiene
U187	Phenacetin
U188	Phenol
U189	Phosphorous sulfide
U190	Phthalic anhydride
U191	Pyridine, 2-methyl-
U192	Pronamide
U193	1,3-Propane sultone
U194	1-Propanamine
U196	Pyridine
U197	p-Benzoquinon
U200	Reserpine
U201	Resorcinol
U202	Saccharin and salts
U203	Safrole
U204	Selenium dioxide
U205	Selenium disulfide
U206	Streptozotocin

Clean Harbors Services, Inc.

RCRA Log No. B-16

HazardousWaste No.Description of Hazardous Waste

U207	1,2,4,5-Tetrachlorobenzene
U208	1,1,1,2,-Tetrachloroethane
U209	1,1,2,2,-Tetrachloroethane
U210	Tetrachloroethylene
U211	Carbon tetrachloride
U213	Tetrahydrofuran
U214	Thallium(I) acetate
U215	Thallium(I) carbonate
U216	Thallium(I) chloride
U217	Thallium(I) nitrate
U218	Thioacetamide
U219	Thiourea
U220	Toluene
U221	Toluenediamine
U222	o-Toluidine hydrochloride
U223	Toluene hydrochloride
U225	Bromoform
U226	1,1,1-Trichloroethane
U227	1,1,2-Trichloroethane
U228	Trichloroethene
U234	sym-Trinitrobenzene
U235	Tris(2,3-dibromopropyl) phosphate
U236	Trypan blue
U237	Uracil mustard
U238	Ethyl carbamate (urethan)
U239	Xylene
U240	2,3-D, salts and esters
U243	Hexachloropropene
U244	Thiram
U246	Bromine cyanide
U247	Methoxychlor
U248	Warfarin, when present at concentrations of 0.3% or less
U249	Zinc phosphide, when present at concentrations of 10% or less
*U271	Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl ester
*U277	Carbamodithioic acid, diethyl-, 2-chloro-2-propenyl ester
*U278	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate

0316000051

Clean Harbors Services, Inc.

RCRA Log No. B-16

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Hazardous

Waste No.

Description of Hazardous Waste

*U402	Thioperoxydicarbonic diamide, tetrabutyl
*U403	Thioperoxydicarbonic diamide, tetraethyl
U404	Ethanamine, N,N-diethyl-
*U407	Zinc, bis(diethylcarbamo-dithioato-S,S')-
*U409	Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis, dimethyl ester
*U410	Ethanimidothioc acid, N,N'- [thiobis(methylimino)carbonyloxy]bis-.dimethyl ester
*U411	Phenol, 2-(1-methylethoxy)-, methylcarbamate

WRW:bjh\963202S.WPD

*These hazardous waste codes are permitted only for storage and transfer, not fuel blending.

Illinois Environmental Protection Agency
Division of Land Pollution Control

RCRA INSPECTION REPORT

USEPA #: IL D000608471 IEPA #: 0316000051
 Facility Name: CLEAN HARBORS Phone #: 312/646-6202
 Street Address: 11800 S. STONY ISLAND County: COOK
 City: CHICAGO State: IL Zip: 60626
 Region: 2 Inspection Date: 3/15/96 From: 10:00 AM To: 12:00 PM
 Weather: CLEAR, SUNNY, APPROX. 40°F

TYPE OF FACILITY

Notified As: G, TS Regulated As: G, TS
 LDF? NO HPV? NO 90-Day F/U Required?: YES NO X

TYPE OF INSPECTION

CEI: X Sampling: Citizen Complaint: Closed: Other:
 CME/O&M: Record Review: Follow-Up to Inspection of: Withdrawal:

NON-REGULATED STATUS NA

SQG: Claimed Nonhandler: Other (Specify in Narrative):

PART A NA

Notification Date: 7/29/89, from (initial) or (subsequent) Notification.
 Initial Part A Date: 4/3/82 Amended: 2/14/92
 Part A Withdrawal requested: / / Approved by (US)(IL) EPA: / /

PART B PERMIT APPLICATION

Part B Permit Submitted: Y or N / / Final Permit Issued: 10/24/94

ENFORCEMENT NA

Has the firm been referred to - USEPA: Y or N / /
 Illinois Attorney General: Y or N / / County State's Attorney: Y or N / /

ORDERS ISSUED NA

CACO: / / CAFO: / / Consent Decree: / /
 Federal Court Order: / / State Court Order: / / IPCB Order: / /

TSD FACILITY ACTIVITY SUMMARY

Activity by Process Code	On Part A?	Activity Conducted Prior to 1980?			Closed	Being done at Time of Insp.?	Exempt per 35 IAC. Sec.	On Annual Rep.		
		Was Activity Ever Done?						1995	1994	1993
<u>S01</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>Y</u>		<u>NA</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>
<u>S02</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>Y</u>			<u>Y</u>	<u>Y</u>	<u>Y</u>
<u>T01</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>Y</u>			<u>Y</u>	<u>Y</u>	<u>Y</u>
<u>T04</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>Y</u>			<u>Y</u>	<u>Y</u>	<u>Y</u>

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OWNER**OPERATOR**

Name	CLEAN HARBORS	Name	CLEAN HARBOR
Address	1800 CROWN COLONY	Address	11800 STONY ISLAND
City	QUINCY	City	CHICAGO
State	MA	State	IL
Zip	22269	Zip	60617
Phone #	617/849-1800	Phone #	312/646-6205

PERSON(S) INTERVIEWED**TITLE****PHONE #**

JIM LAUBSTEAD	COMPLIANCE MANAGER	312/646-6202

INSPECTION PARTICIPANT(S)**AGENCY/TITLE****PHONE #**

AARON TAYLOR	IEPA/EPF	708/338-7900
GINO BRUNI	↓	↓

PREPARED BY**AGENCY/TITLE****PHONE #**

AARON TAYLOR	IEPA/EPF	708/338-7900
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SUMMARY OF APPARENT VIOLATIONS

Area	Class	Section

Area	Class	Section

Area	Class	Section

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IEPA-DL-1

Facility Name: CLEAN HARBORS
 USEPA #: IL D000608471
 IEPA #: 0316000051

WASTE DISPOSITION FORM

Waste Name (include haz & waste for which no determination has been made)	Generating Process (For waste gen. on site. N/A for TSD)	Date of Last Analysis	USEPA Haz Waste #			On Annual Report for: (Circle if present; cross out if not present)			Amount on Site	Rate of Generation	Last Manifested Shipment	Disposition
			* On 8700-12	* On 3510-3	* 19 95	* 19 94	* 19 93					
WASTE COMBUSTIBLE LIQUID	PARTS CLEANER	EACH SHIPMENT	D039 D008 D018			G	G	G	229 gals	Tri MONTHLY	1/12/96	SAFETY-KLEEN RECYCLE
WASTE FLAMMABLE LIQUID	WASTE FROM CARBON Adsorption SYSTEM AND OFF-SITE LEAN WATER		U226 D002			G	G	G				
			NUMEROUS WASTE CODES			G	G	G	NONE	4 drums YR	2/26/96	CLEAN HARBORS TECHNOLOGIES FOR INCINERATION
WASTE FLAMMABLE LIQUID	FUEL BLENDING		U122 D001 D005			G	G	G	25,000 GAL	5,000 GAL DAY	3/07/96	ESSROC MATERIALS CEMENT KILN FUEL
			D007 NUMEROUS WASTE CODES			G	G	G				
	RECEIVED					G	G	G				
WASTE FLAMMABLE LIQUID	FUEL BLENDING 1996 EPA-DLPC		F005 D001 D002			G	G	G				
			NUMEROUS WASTE CODES			G	G	G			3/13/96	LONE STAR INDUSTRIES CEMENT KILN FUEL
HAZARDOUS WASTE SOLIDS	BULKING OF HAZARDOUS SOLIDS		K050 NUMEROUS WASTE CODES			G	G	G	40 yds	20 cubic yds 2 WEEKS	3/4/96	CWM OF INDIANA STABILIZATION & LANDFILL
WASTE Hg MANUFACTURED ARTICLES	Hg light BULBS		D009			G	G	G	15 lbs	1/2 TON MONTH	3/12/96	Hg TECHNOLOGIES OF MINN. RECYCLE

* All "NO" responses must be explained in narrative.

WASTE DISPOSITION FORM

• All "NO" responses must be explained in narrative.

WASTE DISPOSITION FORM

Facility Name: CLEAN HARBORS
 USEPA #: IL 0000608471
 IEPA #: 0316000051

Waste Name (include haz & waste for which no determination has been made)	Generating Process (For waste gen. on site. N/A for TSD)	Date of Last Analysis	USEPA Haz Waste #			On Annual Report for: (Circle if present; cross out if not present)			Amount on Site	Rate of Generation	Last Manifested Shipment	Disposition
			• On 8700-12	• On 35103	• 19	• 19	• 19					
NON-HAZARDOUS W/D TREATMENT METAL HYDROXIDE	EACH SHIPMENT					G	G	G	38 yd ³	22 yd ³ / day	3/14/96	COUNTY ENVIRONMENTAL LANDFILL
Sludge						G	G	G				
RCRA EMPTY FUEL BLENDING						G	G	G	10 yd ³	20 yd ³ / day	3/14/96	WOODLAND RECYCLING AND DISPOSAL LANDFILL
Drums						G	G	G				
NON HAZARDOUS OIL COMBUSTIBLE SYSTEM						G	G	G	10,000 GAL.	3,000 GAL / day	3/01/96	CLEAN HARBORS TECHNOLOGIES INCINERATION
Liquids						G	G	G				
NON-HAZ POLYMERS AND RESINS	BULKING OF DRUMS					G	G	G	NONE	10 yd ³ / WK	3/12/96	COUNTY LANDFILL
						G	G	G				
						G	G	G				
						G	G	G				

* All "NO" responses must be explained in narrative.

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Clean Harbors
ILD000608471

Narrative
Prepared By : Aaron Taylor

NARRATIVE

Clean Harbors current activities include the storage and treatment of aqueous based waste streams, fuel blending, and the storage, consolidation, and transfer of containerized hazardous and nonhazardous wastes including lab packs. Clean Harbors treats the aqueous based waste streams in an on-site wastewater treatment system.

Hazardous wastes generated by Clean Harbors are as follows:

Waste Combustible Liquid EPA H.W.#D008, D039, D018 is generated by parts cleaning at the rate of 22 gallons on a 3 month cycle. The waste is hauled to Safety Kleen for recycling. At the time of inspection there were 22 gallons of this material in process.

Waste Flammable Liquid EPA H.W.# D001, D005, U226, numerous waste codes. This waste is generated from the carbon system and off-site lean water at the rate of 4 drums per year. The waste is shipped to Clean Harbors Technologies for incineration. The waste is stored in containers and at the time of inspection there none of this waste on site.

Waste Flammable Liquid EPA H.W.# D001, D005, D007, U122, numerous waste codes. This waste is generated from the blending of hazardous waste fuel for use in cement kilns at the rate of 5,000 gallons per day. The waste is shipped to ESSROC MATERIALS for use as cement kiln fuel. At the time of inspection there were 25,000 gallon of this material on site. The waste is stored in tanks.

Waste Flammable Liquid EPA H.W.#D001,D002, F005, numerous waste codes. This waste is generated from the blending of Hazardous Waste fuel at the rate of 5,000 gallon per day nad the waste is shipped to Lone Star Industries for use as cement kiln fuel. The waste is stored in tanks and at the time of inspection there were 25,000 gallons of this waste on site.

Hazardous Waste Solids EPA H.W.# K050, numerous waste codes. This waste is generated from the bulking of hazarous waste solids at the rate 20 cubic yards per two week cycle and it is shipped to CWM Indiana for stabilization and landfilling. The waste is stored in containers and at the time of inspection there were two 20 cubic yard roll-off boxes of waste on site.

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Mercury Contaminated Manufactured Products EPA H.W.# D009. This waste is generated as burned out mercury light bulbs at the rate 1/2 ton per month and it is shipped to Mercury Technologies of Minnesota for recycling. The waste is stored in containers and at the time of inspection there were 15 lbs. of this waste on site.

Waste Cyanide Sololutions, Waste Organic Cyanide, Hazardous Waste Solids, EPA H.W.# F007, D002, D007, numerous hazardous waste codes generated from off-site for treatment and disposal at the rate of 1,000 gallons per year. The waste is shipped to Stablex of Cananda for treatment and landfilling.

Nonhazardous wastes generated by Clean Harbors are as follows:

Nonhazardous metal hydroxide sludge generated from waste water treatment at the rate of 22 cubic yards per day. The waste is shipped on a monthly basis to County Environmental Landfill for disposal. at the time of inspection there were 38 cubic yards of waste on site. The waste is accumulated in roll-off boxes.

Nonhazardous polymers and resins generated from bulking drums at he rate of 10 cubic yards per week. The waste is shipped to County Environment Landfill on a monthly basis for dispos l. At the time of inspection there was 10 cubic yards of waste on site. The waste is accumulted in roll-off boxes.

RCRA empty drums from the fuel blending process generated at the rate of 20 cubic yards per day. The waste is shipped to Woodland Recycling and Disposal for landfilling.

Combustible Liquids from the separation of oily wastewaters generated at the rate of 3,000 gallon per week. The waste is shipped to Clean Harbors Technologies for incineration.

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Hazardous Waste Units are described as below:

The S01 units are permitted to received all of the waste codes listed in attachment A of the Part B permit. The S01 units all have diked, coated concrete for secondary containment and the following capacities:

Outside Container Storage Area (Unit R1)

Is divided into the following Bays:

Staging Area	80 drums
Flammable Storage Area #1	160 drums
Flammable Storage Area #2	160 drums
Oxidizers Storage #1	96 drums
Reactives Storage #1	96 drums
Poisions Storages #1	96 drums

Lab Pack Pour-Off Area (Unit F1)

Capacity 8 drums

Bulk Container Storage Area (Unit Q1)

Capacity 90 cubic yards

Truck Unloading Area And Bulking Area (Unit Q)

Capacity 21,600 gallons

Container Storage Building (Unit 25)

This S01 unit is divided into the folowing Bays:

Alkaline/Poisions	336 drums
Acids	288 drums
PCBs/Poisions	128 drums

Ignitable Conatiner Management Building (Unit 26)

Capacity 192 drums

Container Handling Dock (Unit 61)

Capacity 160 drums

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Bulk Solids Storage (Unit B)

Capacity 6 Roll-Off Boxes

Truck Staging Area (Unit C)

Capacity 6 trucks

Truck Staging Area (Unit 59)

Capacity 3 trucks

Truck Unloading Platform (Unit 15)

Capacity 2 trucks

Truck Pad (Unit 62)

Capacity 4 trucks

Rail Car Unloading Area (Unit 14)

Capacity 60,000 gallons

The following S02 units are permitted to accept all of the Hazardous waste codes listed in attachment A of the facility's Part B permit. The S02 units have coated concrete vault for secondary containment and the following capacities:

Hazardous Waste Fuel Blending Operation (Unit 43)

Tank Number 161-21	capacity 1,225 gallons
Tank Number 161-22	capacity 275 gallons

Flammable Storage Tank Farm (Unit 16)

Tank Number 158 Is comprised of the following (5) Units

	Maximum Capacity
TK-103	12,800 gallons
TK-104	
TK-105	
TK-106	
TK-109	

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Tank Number 158 is comprised of the following Unit

TK-112	Maximum Capacity
	19,600 gallons

Tank Number 177 is comprised of the following (2) units

TK-101	Maximum Capacity
TK-107	12,800 gallons

Tank Number 180 is comprised of the following unit

TK-102	Maximum Capacity
	12,800 gallons

Tank Number 183 is comprised of the following unit

TK-110	Maximum Capacity
	12,800 gallons

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Relavant Notes and Observations

Clean Harbors is currently seeking approval to place satellite accumulation areas within some of its RCRA regulated units. These units are the tank farm Unit 16, the Tanker truck unloading pad, Units B & C the truck unloading pad, and the rail car tank unloading pad.

According to the permits section, the closure plan for the CWM incinerator was approved on January 25, 1996.

Lists of Violations

At the time of inspection no apparent violations were observed.

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Clean Harbors
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RCRA PART B INSPECTION

SECTION I: Containers	Compliance
B. Waste Identification	Y
C. Condition of Containers	Y
D. Compatibility of Waste With Containers	Y
E. Management of Containers	Y
F. Inspections	Y
G. Containment	Y
H. Special Requirements Ignitable or Reactive Waste	Y
I. Special Requirements for Incompatible Waste	Y
J. General Operating Requirements	Y
K. General Construction Requirements	Y
L. Closure	Y

COMMENTS:

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SECTION II: TANK SYSTEMS

Compliance

B. Waste Identification	Y
C. Containment and Detection of Releases	Y
D. General Construction Requirements	Y
E. General Operating Requirements	Y
F. Tank System Certification	Y
G. Response to Leaks or Spills	Y
H. Inspections	Y
I. Reporting and Recordkeeping	Y
J. Special Requirements for Ignitable or Reactive Wastes	Y
K. Special Requirements for Incompatible wastes	Y
L. Closure	Y

COMMENTS:

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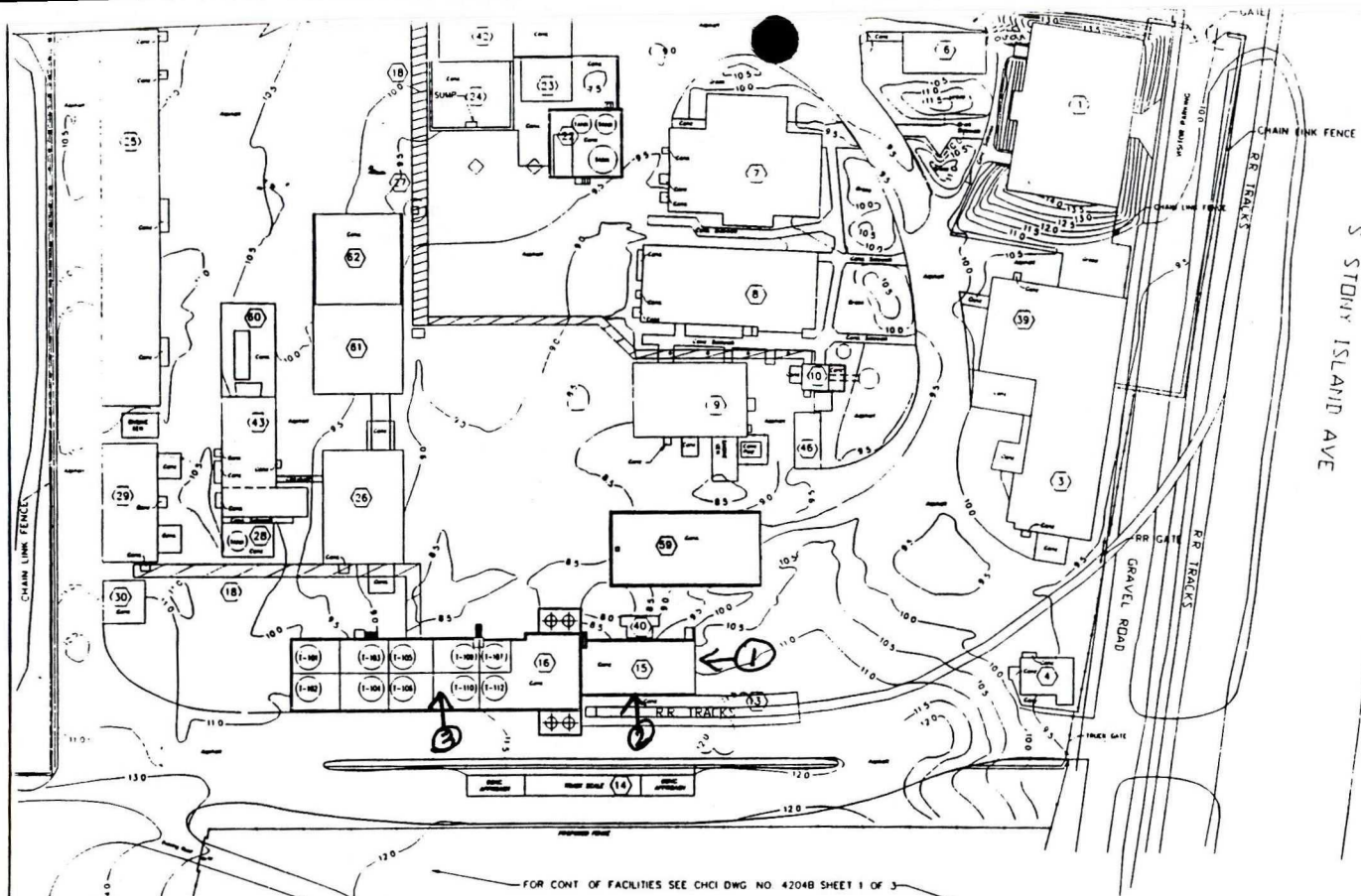
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SECTION VI: STANDARD CONDITIONS

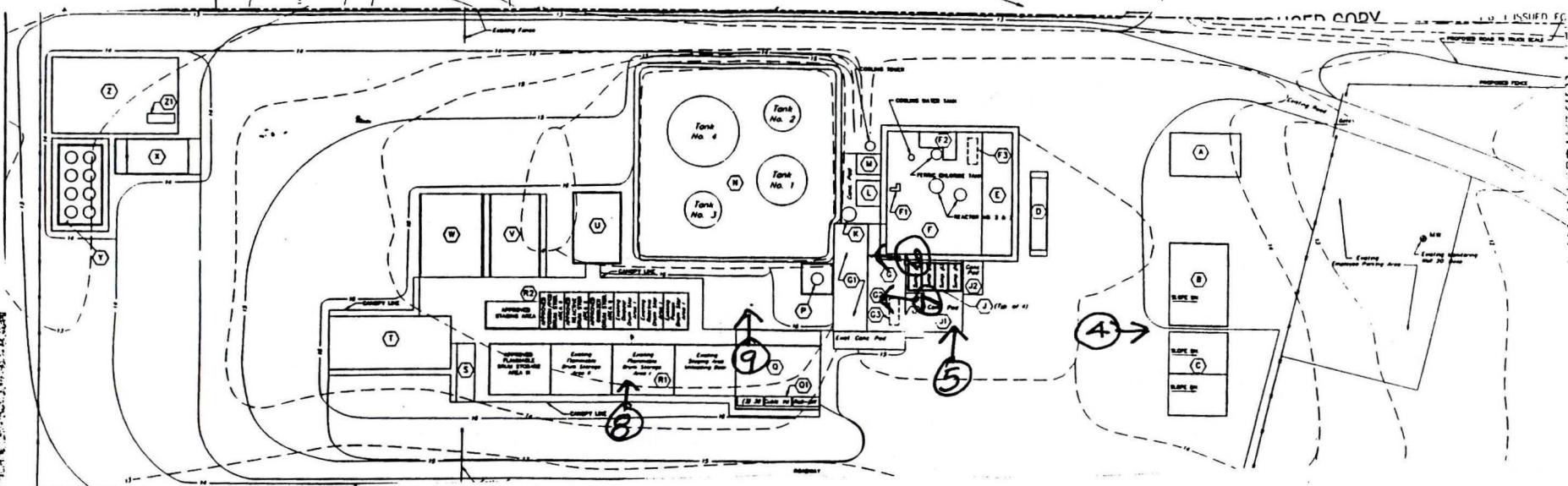
Compliance

General Requirements	Y
General Facility Standards	Y
Preparedness and Prevention	Y
Contingency Plan	Y
Manifest System Record keeping and Reporting	Y
Closure	Y
Land Disposal Restrictions	Y

COMMENTS:



FOR CONT. OF FACILITIES SEE CHCI DWG NO. 4204B SHEET 1 OF 3



Part 703: RCRA Permit Program**Subpart B: Prohibitions****Section 703.121: RCRA Permits**

- 703.121(a) Is any person(s) conducting any hazardous waste treatment, hazardous waste storage or hazardous waste disposal operation doing so only:

1) With a RCRA permit?

Yes X No N/A

2) In conformance with all conditions imposed by a RCRA permit?

Yes X No N/A

- 703.121(b) Do the owner and operator of HWM units have permits during the active life of the unit including closure and post-closure periods?

Yes X No N/A

Subpart C: Authorization by Rule and Interim Status**Section 703.150: Applications by Existing HWM Facilities and Interim Status Qualifications**

- 703.150(a) Has the owner or operator of an existing HWM facility submitted a Part A permit application within the required time frame?

Yes No N/A X

Section 703.151: Application by New HWM Facilities

- 703.151(a) Has the facility submitted Part A and Part B of the permit application 180 days before the physical construction of the facility has commenced?

Yes No N/A X

Note: This violation should be cited in a Notice of Violation (NOV) only after approval from headquarters.

Section 703.152: Amended Part A Application

Has the owner or operator of a HWM facility with interim status filed an amended Part A permit application with the Agency when:

- 703.152(a)(1) a)1) The facility identifies a new waste stream or when a new waste has been listed?

Yes No N/A X

The facility has a process change or a change in design capacity?

Yes No N/A X

- 703.152(a)(2) a)2) As necessary to comply with the provisions of Section 703.155: Changes During Interim Status?

Yes No N/A X

Note: The owner or operator of a facility who fails to comply with the updating requirements of this Section does not receive interim status for the waste not filed on the Part A.

Section 703.154: Prohibitions During Interim Status

- 703.154 During interim status, has the facility:

a) treated, stored or disposed of hazardous wastes not specified in Part A of the permit application?

Yes No N/A X

b) only employed processes specified in Part A of the permit application?

Yes No N/A X

c) exceeded the design capacity specified in Part A of the permit application?

Yes No N/A X

Section 703.155: Changes During Interim Status

- 703.155 Did the owner or operator submit an amended Part A permit application not later than 90 days prior to changes in operational control or ownership of the facility?

Yes No N/A X

Note: A "No" answer to any of the questions under Section 703.154 means the facility is also in apparent non-compliance with this Section.

703.121(a)

703.121(b)

703.150(a)

703.151(a)

703.152(a)(1)

703.152(a)(2)

703.154

703.155

Part 722: Standards Applicable to Generators of Hazardous Waste (> 1000 Kg/mo.)**Subpart A: General****Section 722.111: Hazardous Waste Determination**

722.111 Has the generator correctly determined if the solid waste(s) it generates is a hazardous waste?

Yes ☒ No ☐ N/A ☐

722.111

Have hazardous wastes been identified for purposes of compliance with Part 728?

Yes ☒ No ☐ N/A ☐

808.121 Has the generator correctly determined if the solid waste(s) it generates is a special waste?

Yes ☒ No ☐ N/A ☐

808.121

Section 722.112: USEPA Identification Numbers

722.112(a) Has the generator obtained a USEPA identification number?

Yes ☒ No ☐ N/A ☐

722.112(a)

722.112(c) Has the generator offered its hazardous waste only to transporters or to treatment, storage or disposal facilities that have a USEPA identification number?

Yes ☒ No ☐ N/A ☐

722.112(c)

Subpart B: The Manifest**Section 722.120: General Requirements**

722.120(a) Does the facility manifest its waste off-site?

Yes ☒ No ☐ N/A ☐

722.120(a)

If "No", proceed to Section 722.120(e).

722.120(b) Does the manifest designate a facility permitted to handle the waste?

Yes ☒ No ☐ N/A ☐

722.120(b)

722.120(d) Has the generator shipped any waste that could not be delivered to the designated facility?

Yes ☐ No ☐ N/A ☒

722.120(d)

Section 722.121: Acquisition of Manifests

Has the generator used:

722.121(a) - an Illinois manifest for wastes designated to a facility within Illinois?

Yes ☒ No ☐ N/A ☐

722.121(a)

722.121(b) - a manifest from the State to which the manifest is designated?

Yes ☒ No ☐ N/A ☐

722.121(b)

- an Illinois manifest if the State to which the waste is designated has no manifest of its own?

Yes ☐ No ☐ N/A ☒**Section 722.122: Number of Copies**

722.122 Does the manifest consist of at least 6 copies?

Yes ☒ No ☐ N/A ☐

722.122

Section 722.123: Use of the Manifest

For each manifest reviewed, has the generator:

722.123(a) - signed the certificate by hand?

Yes ☒ No ☐ N/A ☐

722.123(a)

- obtained the handwritten signature and the date of acceptance by the initial transporter?

Yes ☒ No ☐ N/A ☐

- retained one copy as required by Section 722.140(a)?

Yes ☒ No ☐ N/A ☐

- apparently sent a copy (part 5 for the Illinois manifest) to the Agency within 2 working days?

Yes ☒ No ☐ N/A ☐

722.123(b) - has the generator apparently given the remaining copies to the transporter?

Yes ☒ No ☐ N/A ☐

722.123(b)

Regulation

RCRA GENERATOR INSPECTION CHECKLIST (PART 722)

Violation

722.123(c) - has the generator followed the procedures prescribed in Section 722.123 for manifesting bulk shipments of hazardous waste by rail or water?

Yes ☒ No ☐ N/A ☐

722.123(c)

Subpart C: Pre-Transport Requirements

Is there any hazardous waste ready for transport off-site?

Yes ☐ No ☐ N/A ☒

If so, is the generator complying with the pre-transport requirements in Subpart C?

Yes ☐ No ☐ N/A ☒

Section 722.134: Accumulation Time

722.134(a) Has the generator complied with the following requirements:

Yes ☐ No ☐ N/A ☒

722.134(a)

722.134(a)(1) For waste in containers, has the generator complied with the requirements of Part 725, Subpart I?

Yes ☒ No ☐ N/A ☐

and/or

For waste in tanks, has the generator complied with the requirements of Part 725, Subpart J (except Sections 725.297(c) and 725.300)?

Yes ☒ No ☐ N/A ☐

722.134(a)(2) For waste in containers, has the generator marked and made visible for inspection on each container, the date upon which accumulation began?

Yes ☒ No ☐ N/A ☐

722.134(a)(3) For waste in containers and tanks, has the generator marked or labeled each with the words "Hazardous Waste"?

Yes ☒ No ☐ N/A ☐

722.134(a)(4) Has the generator complied with the requirements of Part 725, Subparts C and D, and Sections 725.116 and 728.107(a)(4)?

Yes ☒ No ☐ N/A ☐

Specifically, the requirements of items 1 and/or 4 above (listed by regulation) which need to be complied with are as follows:

Does the facility accumulate hazardous waste in containers?

Yes ☒ No ☐ N/A ☐

If "No", go to Subpart J.

Regulation	RCRA LDR INSPECTION CHECKLIST (PART 728)	Violation
	Part 728: Land Disposal Restrictions	
	Subpart A: General	
	Section 728.103: Dilution Prohibited as a Substitute for Treatment	
728.103(a)	Has a person diluted a restricted waste or a treatment residual of a restricted waste as a substitute for adequate treatment? Yes _____ No _____ N/A <u>X</u>	728.103(a)
	Note: Has any person filed for a petition to allow land disposal of wastes prohibited under Subpart C of Part 728? Yes _____ No _____ N/A <u>X</u>	
	Section 728.104: Treatment Surface Impoundment Exemption	
728.104	Are wastes that are otherwise prohibited from land disposal under this Part being treated in a surface impoundment that meets the requirements of this Section? Yes _____ No _____ N/A <u>X</u>	728.104
	Section 728.107: Waste Analysis and Recordkeeping	
728.107(a)	Has the generator tested the waste [as specified in 728.107(a)] or used knowledge of the waste to determine if the waste is restricted from land disposal? Yes <u>X</u> No _____ N/A _____	728.107(a)
728.107(a)(1)	If a generator determines that its waste is restricted, has a notice been sent with each shipment that includes the following information: A) USEPA Hazardous Waste Number? Yes <u>X</u> No _____ N/A _____ B) corresponding treatment standards or a reference to the treatment standard by section or applicable treatment code? Yes <u>X</u> No _____ N/A _____ C) manifest number associated with the shipment of waste? Yes <u>X</u> No _____ N/A _____ D) for hazardous debris, the contaminants subject to treatment as provided by Section 728.145(b) and the following statement: "This hazardous debris is subject to the alternative treatment standards of Section 728.145?" Yes _____ No _____ N/A <u>X</u> E) waste analysis data, where available? Yes _____ No _____ N/A <u>X</u>	728.107(a)(1)
728.107(a)(2)	Has the generator of a restricted waste that meets the applicable treatment standards submitted, with each shipment, a notice and certification, as specified in this Section, stating that the waste meets applicable treatment standards and can be land disposed without further treatment? Yes _____ No _____ N/A <u>X</u>	728.107(a)
728.107(a)(3)	Has the generator of a restricted waste that has been exempted under Section 728.106 submitted a notice, as specified in this section, with each shipment to the receiving facility, stating that the waste is not prohibited from land disposal? Yes _____ No _____ N/A <u>X</u>	728.107(a)
728.107(a)(4)	Has the generator who treats a prohibited waste in tanks or containers in order to meet the treatment standards developed and followed a waste analysis plan? Yes <u>X</u> No _____ N/A _____ Is the plan on-site? Yes <u>X</u> No _____ N/A _____ Does the plan include a detailed physical and chemical analysis? Yes <u>X</u> No _____ N/A _____ Has the plan been filed with the Agency at least 30 days prior to commencement of the treatment activity? Yes <u>X</u> No _____ N/A _____	728.107(a)

	Has the generator submitted the required notification and certification that the waste meets treatment standards when the waste is shipped off-site? Yes _____ No _____ N/A <u>X</u>	
728.107(a)(5)	Has the generator who has determined that the waste is restricted based on the generator's knowledge and/or testing of the waste retained all supporting data used to make this determination on-site? Yes <u>X</u> No _____ N/A _____	728.107(a)(5)
728.107(a)(6)	If a generator determines, subsequent to the time of generation, that the generator is managing a restricted waste which is excluded from the definition of hazardous or solid waste or exempt from RCRA, has a one-time notification stating such generation been placed in the generator's files? Yes _____ No _____ N/A <u>X</u>	728.107(a)(6)
728.107(a)(7)	Does a generator keep on-site a copy of all notices, certifications, demonstrations, waste analysis data and other documentation produced pursuant to this Section for at least five years from the date of the latest shipment? Yes <u>X</u> No _____ N/A _____	728.107(a)(7)
728.107(a)(8)	If a generator is managing a lab pack that contains waste identified in Appendix D of Part 728 and wishes to use the alternative treatment standard under Section 728.142, has the generator submitted a notice and certification to the treatment facility with each shipment in accordance with this subsection? Yes _____ No _____ N/A <u>X</u>	728.107(a)(8)
728.107(a)(9)	If a generator is managing a lab pack that contains organic waste identified in Appendix E of Part 728 and wishes to use the alternative treatment standard, has the generator submitted a notice and certification to the treatment facility with each shipment in accordance with this subsection? Yes _____ No _____ N/A <u>X</u>	728.107(a)(9)
728.107(a)(10)	Has a small-quantity generator with a tolling agreement pursuant to Section 722.120(e) retained on site a copy of the notification and certification of the initial waste shipment together with the tolling agreement for at least 3 years after the termination or expiration of the agreement? Yes _____ No _____ N/A <u>X</u>	728.107(a)(10)
728.107(b)	Has the treatment facility tested its waste according to the frequency specified in its waste analysis plan as required by Sections 724.113 or 725.113 and subsections (b)(1), (b)(2) and (b)(3) of this section? Yes <u>X</u> No _____ N/A _____	728.107(b)
728.107(b)(4)	Has the treatment facility sent a notice to the land disposal facility with each shipment of waste that includes the following information: A) USEPA Hazardous Waste Number? Yes _____ No _____ N/A <u>X</u> B) corresponding treatment standards or a reference to the treatment standard by section or applicable treatment code? Yes _____ No _____ N/A <u>X</u> C) manifest number associated with the shipment of waste? Yes _____ No _____ N/A <u>X</u> D) waste analysis data, where available? Yes _____ No _____ N/A <u>X</u>	728.107(b)(4)
728.107(b)(5)	Has the treatment facility submitted a certification, as specified in 728.107(b)(5), with each shipment of hazardous waste or treatment residue to the land disposal facility? Yes _____ No _____ N/A <u>X</u>	728.107(b)(5)
728.107(b)(6)	If the waste or treatment residue will be further managed at a different treatment or storage facility, is the treatment facility sending the waste complying with the notice and certification requirements of Section 728.107(a)? Yes _____ No _____ N/A <u>X</u>	728.107(b)(6)

728.107(b)(7) Has the recycling facility that is making off-site shipments of recyclable materials used in a manner constituting disposal:

- submitted to the Agency a notice and certification with each shipment in accordance with 728.107(b)(4) and (b)(5)?

Yes _____ No _____ N/A X

- kept records of the name and location of each entity receiving the hazardous waste-derived product?

Yes _____ No _____ N/A X

728.107(c) Has the owner/operator of any land disposal facility disposing of any restricted waste, except where the waste being disposed of is a recyclable material used in a manner constituting disposal:

1) maintained copies of the notice and certification specified in subsection 728.107(a) or (b)?

Yes _____ No _____ N/A X

2) tested the waste to ensure that it is in compliance with applicable treatment standards or prohibitions?

Yes _____ No _____ N/A X

728.107(c)(4) Note: If the owner/operator is disposing of any waste that is a recyclable material used in a manner constituting disposal, the owner/operator is not subject to the subsections (c)(1) and (c)(2) with respect to such waste.

728.107(d) Has the generator or treater who first claims that their hazardous debris is excluded from the definition of a hazardous waste under Section 728.103(f)(2) provided the following notification and certification:

1) a one-time notification submitted to the Agency including the following information:

A) the name and address of the RCRA Subtitle D facility receiving the treated debris?

Yes _____ No _____ N/A X

B) a description of the hazardous debris as initially generated including the applicable USEPA hazardous waste number(s)?

Yes _____ No _____ N/A X

C) for debris excluded under Section 728.103(f)(2), the technology from Section 728, Table F?

Yes _____ No _____ N/A X

2) Has the notification been updated if the debris is shipped to a different facility or if a different technology is used to treat the debris?

Yes _____ No _____ N/A X

3) For debris excluded under Section 728.103(f)(2), has the owner/operator of the treatment facility documented and certified compliance with the treatment standards of Section 728, Table F pursuant to this Subsection?

Yes _____ No _____ N/A X

Section 728.109: Special Rules for Characteristic Wastes

728.109(a) Has the generator determined each USEPA hazardous waste code applicable to the waste in order to determine the applicable treatment standards under Subpart D?

Yes X No _____ N/A _____

Note: For purposes of this Part, the waste will carry the waste code for any applicable listing under Part 721, Subpart D and one or more of the waste codes under Part 721, Subpart C where the waste exhibits the relevant characteristic, except in the case when the treatment standard for the Subpart D waste code operates in lieu of the standard for the Subpart C waste code as specified in subsection (b).

728.109(b) Does the waste meet the treatment standards for all applicable listed and characteristic waste codes?

Yes _____ No _____ N/A X

Note: Where a prohibited waste is both listed and characteristic, the treatment standard for the listed waste code will operate in lieu of the standard for the characteristic waste code, provided that the treatment standard for the listed waste includes a treatment standard for the constituent that causes the waste to exhibit the characteristic.

728.109(c) Has the generator land disposed any prohibited waste which exhibits a characteristic under Part 721, Subpart C only if the waste complies with the treatment standards under Part 728, Subpart D (in addition to any applicable standards determined from the initial point of generation)?

Yes _____ No _____ N/A X

728.109(c)

728.109(d) 1) Has the generator sent the required notification and certification to the appropriate Agency for each shipment of waste to a Subtitle D landfill that no longer exhibits the characteristic?

Yes _____ No _____ N/A X

728.109(d)

Does the notification include the following information:

A) name and address of the non-hazardous waste facility receiving the shipment?

Yes _____ No _____ N/A X

B) description of the waste as initially generated, including USEPA hazardous waste number(s), applicable wastewater or nonwastewater category and the subdivisions made within a waste code based on waste specific criteria (such as D003, reactive cyanides)?

Yes _____ No _____ N/A X

C) treatment standards applicable to the waste at the initial point of generation?

Yes _____ No _____ N/A X

2) Has the certification been signed by an authorized representative and is the language stated as required in Section 728.107(b)(5)(A)?

Yes _____ No _____ N/A X

Subpart C: Prohibition on Land Disposal

Section 728.130: Waste Specific Prohibitions -- Solvent Wastes

728.130 Has the generator of a spent solvent waste (F001-F005) land disposed the waste only after having:

1) met the treatability standards of Part 728, Subpart D; or

Yes _____ No _____ N/A X

728.130

2) been granted an exemption from a prohibition pursuant to a petition under Section 728.106; or

Yes _____ No _____ N/A X

3) been granted an extension to the effective date of prohibition pursuant to Section 728.105?

Yes _____ No _____ N/A X

Section 728.131: Waste Specific Prohibitions -- Dioxin-Containing Wastes

728.131 Has the generator of a dioxin-containing waste (F020, F021, F022, F023, F026, F027 or F028) land disposed the waste only after having:

1) met the treatability standards of Part 728, Subpart D; or

Yes _____ No _____ N/A X

728.131

2) been granted an exemption from a prohibition pursuant to a petition under Section 728.106; or

Yes _____ No _____ N/A X

3) been granted an extension to the effective date of prohibition pursuant to Section 728.105?

Yes _____ No _____ N/A X

Section 728.132: Waste Specific Prohibitions -- California List Wastes

728.132 Has the generator of a California List Waste land disposed the waste only after having:

1) been granted an adjusted standard from a prohibition pursuant to a petition under Section 728.106 (except for liquid hazardous waste containing PCBs at concentrations greater than or equal to 500 ppm which are not eligible for exemptions; or

Yes _____ No _____ N/A X

728.132

2) been granted an extension to the effective date of prohibition pursuant to Section 728.105?

Yes _____ No _____ N/A X

3) met the applicable treatment standards specified in Subpart D or, where treatment standards are not specified, the wastes are in compliance with the applicable prohibitions set forth in this Section or Section 728.139?

Yes _____ No _____ N/A X

Section 728.133: Waste Specific Prohibitions -- First Third Wastes

- 728.133 Has the generator of a first third waste land disposed the waste only after having:
- 1) met the treatability standards of Part 728, Subpart D; or
Yes _____ No _____ N/A X
 - 2) been granted an adjusted standard pursuant to Section 728.106; or
Yes _____ No _____ N/A X
 - 3) been granted an extension to the effective date of prohibition pursuant to Section 728.105?
Yes _____ No _____ N/A X
- 728.133(g) Has the generator of a first third waste tested the waste or used knowledge of the waste to determine whether it exceeds the applicable treatment standards?
Yes _____ No _____ N/A X

728.133

728.133(g)

Section 728.134: Waste Specific Prohibitions -- Second Third Wastes

- 728.134 Has the generator of a second third waste land disposed the waste only after having:
- 1) met the treatability standards of Part 728, Subpart D; or
Yes _____ No _____ N/A X
 - 2) been granted an extension to the effective date of prohibition pursuant to Section 728.105; or
Yes _____ No _____ N/A X
 - 3) been granted an exemption pursuant to Section 728.106?
Yes _____ No _____ N/A X
- 728.134(i) Has the generator of a second third hazardous waste tested the waste or used his knowledge of the waste to determine whether it exceeds the applicable treatment standards of 728.141 or 728.143?
Yes _____ No _____ N/A X

728.134

728.134(i)

Section 728.135: Waste Specific Prohibitions -- Third Third Wastes

- 728.135 Has the generator of a third third waste land disposed the waste only after having:
- 1) met the treatability standards of Part 728, Subpart D; or
Yes _____ No _____ N/A X
 - 2) been granted an exemption from a prohibition pursuant to a petition under Section 728.106; or
Yes _____ No _____ N/A X
 - 3) met the applicable alternate standards established pursuant to a petition granted under Section 728.144; or
Yes _____ No _____ N/A X
 - 4) been granted an extension to the effective date of a prohibition pursuant to Section 728.105?
Yes _____ No _____ N/A X
- 728.135(j) Has the generator of a third third waste listed in 728.110, 728.111 or 728.112 tested the waste or used his knowledge of the waste to determine whether it exceeds the applicable treatment standards of Sections 728.141 or 728.143?
Yes _____ No _____ N/A X

728.135

728.135(j)

Section 728.139: Statutory Prohibitions

- 728.139 Has a person caused, threatened or allowed the land disposal of any waste in violation of Section 3004 of RCRA?

Yes _____ No _____ N/A X

728.139

Subpart E: Prohibitions on Storage

Note: Except as provided in this section, the storage of hazardous wastes restricted from land disposal under Subpart C is prohibited.

Section 728.150: Prohibitions on Storage of Restricted Wastes

- 728.150(a)(1) Has the generator stored restricted wastes in tanks or containers on-site solely for the accumulation of such quantities as necessary to facilitate proper recovery, treatment or disposal?
Yes X No _____ N/A _____
- Has the generator complied with the requirements of Section 722.134?
Yes X No _____ N/A _____

728.150(a)(1)

Note: A generator in existence on the effective date of regulation under this Part and who must store hazardous wastes for more than 90 days due to regulations under this Part becomes a TSD and must obtain a RCRA permit.

728.150(a)(2) Has the owner/operator of a TSD stored restricted wastes in tanks or containers solely for the accumulation of such quantities of hazardous waste to facilitate proper recovery, treatment or disposal?

Yes ☒ No ☐ N/A ☐

728.150(a)(2)

If yes, has the owner/operator:

A) clearly marked each container to identify its contents and the accumulation start date?

Yes ☒ No ☐ N/A ☐

B) clearly marked each tank to identify its contents, recorded the quantity of each hazardous waste received and indicated the accumulation start date, all in accordance with the operating record requirements of 724.173 or 725.173?

Yes ☒ No ☐ N/A ☐

728.150(a)(3) Has the transporter stored manifested shipments of such wastes at a transfer facility for 10 days or less?

Yes ☐ No ☐ N/A ☒

728.150(a)(3)

728.150(b) Has the owner/operator of a TSD stored restricted wastes up to one year solely for accumulation of such quantities of hazardous waste as necessary to facilitate proper recovery, treatment or disposal?

Yes ☒ No ☐ N/A ☐

728.150(b)

728.150(c) Has the owner/operator of a TSD who has stored such wastes beyond one year proved that such storage was solely for the accumulation of such quantities of hazardous waste to facilitate proper recovery, treatment or disposal?

Yes ☐ No ☐ N/A ☒

728.150(c)

Note: If a generator's waste is exempt from a prohibition on the type of land disposal utilized for the waste (e.g. case-by-case extension, incorporated by reference or an approved petition) the prohibition in subsection (a) does not apply during the period of such exemption.

Note: The prohibition in subsection (a) does not apply to hazardous wastes that meet the treatment standards (728.141, 728.142 and 728.143) or the adjusted treatment standards (728.144) or where the treatment standards have not been specified, is in compliance with the applicable prohibitions in 728.132 or 728.139.

728.150(f) Have liquid hazardous wastes containing PCBs at concentrations greater than 50 ppm been stored at a facility that meets the requirements of 40 CFR 261.65(b) and have they been removed from storage and treated or disposed as required by this Part within one year of the date when such wastes were first placed into storage?

Yes ☐ No ☐ N/A ☒

728.150(f)

Note: The provisions of subsection (c) do not apply to such PCB wastes prohibited under Section 728.132.

COMMENTS: